

Proposal for a

REGULATION OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL
on preventing plastic pellet losses to reduce microplastic pollution

THE EUROPEAN PARLIAMENT AND THE COUNCIL OF THE EUROPEAN UNION,

Having regard to the Treaty on the Functioning of the European Union, and in particular Article 192(1) thereof,

Having regard to the proposal from the European Commission,

After transmission of the draft legislative act to the national parliaments,

Having regard to the opinion of the European Economic and Social Committee¹,

Having regard to the opinion of the Committee of the Regions²,

Acting in accordance with the ordinary legislative procedure³,

Whereas:

- (1) Microplastics are ubiquitous, persistent and transboundary. They are detrimental to the environment and potentially harmful to human health. ***Their harm to the environment and potentially to human health may be further increased due to the presence of harmful chemical additives and other substances of concern added during production and conversion.*** Microplastics are easily transported through the air and by land surface waters and ocean currents, and their mobility is an aggravating factor. They are found in soil (including agricultural lands), lakes, rivers, estuaries, beaches, lagoons, seas, oceans and in remote, once pristine regions, and their presence in soil ***has*** effects on soil properties and trigger soil alterations which negatively impact the growth of some plants. Impacts of

¹ OJ C , C/2024/2487, 23.4.2024, ELI: <http://data.europa.eu/eli/C/2024/2487/oj>.

² OJ C , C/2024/3675, 26.6.2024, ELI: <http://data.europa.eu/eli/C/2024/3675/oj>.

³ ***Position of the European Parliament of ... and decision of the Council of ...***

microplastics on the marine environment have been extensively documented. Once in the marine environment, microplastics are nearly impossible to collect, and are known to be eaten by a range of organisms and animals and cause harm to biodiversity and ecosystems. The persistence of plastic *pellets* in the aquatic environment *can* be measured over decades or more, and ingestion of plastic pellets by marine wildlife, notably seabirds and sea turtles, may cause physical harm or death. Microplastics also contribute to climate change as an additional source both of greenhouse gas emissions and of pressure on ecosystems. Microplastics' potential to act as a carrier for adsorbed toxicants or pathogenic microorganisms is an integral part of the problem. Humans are exposed to microplastics via air and food consumption. The growing awareness of microplastics' presence in the food chain can undermine consumer confidence and bear economic consequences. There may be negative economic impacts on activities such as commercial fishing and agriculture as well as recreation and tourism in areas affected by the releases.

- (2) In their opinion *of 30 April 2019* entitled 'Environmental and health risks of microplastic pollution', the Commission's Group of Chief Scientific Advisors considered that 'there are significant grounds for concern and for precautionary measures to be taken' ■ .
- (2a) *'Plastic pellets' refers to any polymer-containing moulding materials, from primary and secondary origin, regardless of whether they are derived from biomass or intended to biodegrade over time. Plastic pellets are primarily intended to be used in plastic product manufacturing operations via moulding which encompasses moulding stricto sensu, extrusion, foaming, film forming, compression or injection. Alternatively, plastic pellets can be used in product manufacturing operations of non-plastic products, where pellets are chemically encapsulated in a matrix (such as light weight concrete) or physically contained by the product (such as asphalt). Plastic pellets may contain chemical additives and may come in multiple shapes and forms including, among others, plastic nurdles, granules, flakes, resins, cylinders, beads, powders, micro-powder, microspheres and agglomerates. Their size typically ranges from 2 to 5 millimetres in diameter, though a small portion of plastic pellets are smaller or larger.*
- (2b) *Plastic pellet dust refers to the industrial residue from the handling, grinding or processing of plastic pellets that is not used in plastic product manufacturing operations and therefore does not fall into the scope of the plastic pellet definition in this Regulation. The generation of such dust is difficult to avoid but can be minimised. Such*

dust should be extracted by means of filters or catchment devices as a health and safety measure at work.

- (3) Plastic pellet losses constitute the third largest source of microplastics unintentionally released to the environment in the Union and *occur* due to poor handling practices at all stages of the *plastic pellet* supply chain, *which includes* production *including recycling, master batching, compounding, conversion*, processing, distribution, transport, including by *the* sea, and other logistic operations, *storage, packaging, and the cleaning of plastic pellet containers and tanks*. Hence, a supply chain approach is essential for ensuring the commitment of all economic actors involved in plastic pellet handling towards loss prevention. Since 2015, the European plastic manufacturing industry has progressively adopted the international Operation Clean Sweep® (*OCS*) programme [REDACTED] as a voluntary pledge. Under this programme, each company making or handling pellets recognises the importance of making zero pellet losses and commits to adopting best practices. While such practices are generally well understood by OCS signatories, they have not been comprehensively implemented. The uptake of *that* programme by the plastic industry remains low.
- (4) *Concerns about* the impacts of microplastic pollution on the environment and [REDACTED] on human health have *been* raised [REDACTED] in most parts of the world. Some Member States have adopted or proposed dedicated measures. However, a patchwork of national restrictions could potentially hamper the functioning of the internal market.
- (5) In a bid to tackle plastic pollution, [REDACTED] the Commission *has in its* communication *of 16 January 2018* entitled ‘European Strategy for Plastics’ *in a Circular Economy* acknowledged the risks posed by microplastics and called for innovative solutions targeting the different sources of microplastics to be taken. *The Commission* renewed *that in its communications of 11 December 2019 on* the European Green Deal, *of 11 March 2020 on* the new Circular Economy Action Plan [REDACTED] and *on* the Zero Pollution Action Plan [REDACTED]. The latter includes, among its 2030 targets, reducing the amount of microplastics released into the environment by 30%.
- (6) Commission Regulation (EU) 2023/2055⁷ addresses microplastic pollution by imposing a restriction on the placing on the market of microplastics that are intentionally added to

products ■ , as there is considerable microplastic pollution arising from the use of synthetic polymer microparticles on their own or intentionally present in products, and pollution poses an unacceptable risk to the environment.

- (7) In 2021, the **contracting** parties to the Convention for the Protection of the Marine Environment of the North-East Atlantic (OSPAR **Convention**) adopted the non-binding Recommendation 2021/06 ■ to reduce the loss of plastic pellets into the marine environment by promoting the timely development and implementation of effective and consistent pellet loss prevention standards and certification schemes for the entire plastic supply chain. Measures for minimizing the risk associated with the transport of plastic pellets by sea are under examination at the International Maritime Organization (**IMO**) *which approved the non-binding circular MEPC.1/Circ 909 on recommendations for the carriage of plastic pellets by sea in freight containers. In this context, the Union and its Member States should follow closely any future developments at the IMO, and play a leading role in ensuring a high-level of environmental protection on this issue, among others by setting a high standard of protection.*
- (8) In the Union submission to United Nations Environment Programme in view of the second session of the Intergovernmental Negotiating Committee on an international legally binding instrument on plastic pollution (INC-2) ■ , the Union and its Member States stressed the need for the future instrument to include measures to reduce unintentional releases of microplastics.
- (9) Despite Union **legal acts** concerning the prevention of waste, pollution, marine litter and chemicals, there are no specific Union rules preventing pellet losses as a source of microplastic pollution along the entire supply chain. Directive 2008/98/EC of the European Parliament and of the Council¹⁰ lays down basic waste management principles and imposes general obligations for Member States to take measures to prevent waste generation. Those general obligations should be complemented by addressing specific aspects and

the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) as regards synthetic polymer microparticles (OJ L 238, 27.9.2023, p. 67).

¹⁰ Directive 2008/98/EC of the European Parliament and of the Council of 19 November 2008 on waste and repealing certain Directives (OJ L 312, 22.11.2008, p. 3).

requirements for the careful handling of plastic pellets in order to avoid them becoming waste.

- (10) While the production of polymeric materials on an industrial scale fall under the scope of Directive 2010/75/EU of the European Parliament and of the Council¹¹, other activities like the conversion, transport or storage of pellets, usually operated by small and medium-sized enterprises, are not covered by that Directive. Moreover, the Reference Document on Best Available Techniques in the Production of Polymers of August 2007¹², established pursuant Council Directive 96/61/EC¹³ concerning integrated pollution prevention and control, does not address the specific issue of pellet losses.
- (11) Directive 2008/56/EC of the European Parliament and of the Council¹⁴ addresses the monitoring and assessment of the impacts of microlitter, including microplastics, in coastal and marine environments. An update of the first guidance on monitoring marine litter is under development in view of harmonised methodologies including to monitor the presence and distribution of plastic pellets along the coastline. However, Directive 2008/56/EC does not include specific requirements concerning the prevention or reduction of pellet losses at source.
- (12) Commission Regulation (EU) 2023/2055 addresses losses of synthetic polymer microparticles for use at industrial sites i.e. plastic pellets as avoidable releases. For these releases, a reporting requirement for an estimated quantity of microplastics released to the environment on an annual basis is introduced. While lacking a methodology to estimate losses, this requirement will increase information on pellet losses and improve the quality of the information collected to assess the risks deriving from these microplastics in the future.

¹¹ Directive 2010/75/EU of the European Parliament and of the Council of 24 November 2010 on industrial emissions (integrated pollution prevention and control) (OJ L 334, 17.12.2010, p.17).

¹³ Council Directive 96/61/EC of 24 September 1996 concerning integrated pollution prevention and control (OJ L 257, 10.10.1996, p. 26).

¹⁴ Directive 2008/56/EC of the European Parliament and of the Council of 17 June 2008 establishing a framework for community action in the field of marine environmental policy (Marine Strategy Framework Directive) (OJ L 164, 25.6.2008, p.19).

- (13) To ensure that plastic pellets are handled safely and responsibly at all stages of the *plastic pellet* supply chain, so that losses *are prevented and the ambition of zero plastic pellets losses* to the environment *is achieved*, it is necessary to establish requirements on the handling of plastic pellets along the entire supply chain, *namely in*: production, *including output from recycling*, master batching, compounding, conversion, *processing*, distribution ■ , transport, storage, *packaging*, and tank *and container* cleaning at cleaning stations. *This Regulation should apply to all entities handling plastic pellets, irrespective of their end use.*
- (13a) *In light of the harmful nature of plastic pellets when lost to the environment and in light of the general obligation on economic operators and carriers to avoid losses of plastic pellets as set out in this Regulation, it is appropriate to set out specific information requirements in the form of a pictogram and a warning statement. In order to reduce burdens on economic operators and carriers, such requirements may be implemented by taking into consideration the already existing obligations under Commission Regulation (EU) 2023/2055 which amended Annex XVII of Regulation (EC) 1907/2006. Paragraphs 7 and 10 of entry 78 of that Annex as amended set out information requirements for suppliers of synthetic polymer microparticles. For the purposes of this Regulation, suppliers of synthetic polymer microparticles should be understood as any manufacturer, importer, downstream user or distributor placing on the market plastic pellets which are synthetic polymer microparticles. They should provide relevant information on the label, the packaging, the package leaflet or on the safety data sheet. They may provide this information when providing the information as laid down in Annex XVII, entry 78, paragraph 10, to Regulation (EC) 1907/2006, as amended by Commission Regulation (EU) 2023/2055. As the different possible means of providing this information may however have different effectiveness with regard to contributing to achieving the general obligation of avoiding losses, it is appropriate for the Commission to assess their relative effectiveness in the context of its review of the Regulation.*
- (14) Such requirements should take into account internationally recommended good handling practices as well as existing requirements on the handling of plastic pellets established by the industry in the Union. *In this regard, the European Union and its Member States may pursue efforts to make the recommendation in MEPC. 1/Circ 909 mandatory at international level. Furthermore, the Union may promote discussion at international level on the obligation for carriers to notify competent authorities when transporting plastic pellets in a country different from the one in which they are established.*

- (14a) *If plastic pellets are released and dispersed into the marine environment, they can harm living resources and marine life and can interfere with other legitimate uses of the sea, such as fishing and aquaculture. As plastic pellets look like fish egg to birds, despite the fact that only 0.05% of plastic pieces from surface waters are pellets, they comprise about 70% of the plastic eaten by seabirds. These small plastic particles have been found in the stomachs of 63 of the world's approximately 250 species of seabirds.*

Furthermore, by weight, plastic pellets are estimated to be the second largest direct source of microplastic marine pollution; it is estimated that billions of individual pellets enter the ocean every year. This is due to both small and large-scale losses and spillages occurring on land and sea during all stages of the supply chain, especially while they are in transit.

Additionally, the pellets can be washed up on beaches and coastlines and, as a result, negatively impact tourism and shore-based activities. Several incidents involving seagoing vessels resulted in several tonnes of plastic pellets being released in the marine environment with disastrous consequences for the environment and local communities. For example, the Toconao accident impacting the northern coast of Spain in 2023 causes the loss of six freight containers, amongst which one freight container holding one thousand 25kg sacks of pellets. This resulted in millions of pellets arriving on the Galician Coast.

- (14d) *To address this issue from the perspective of maritime transport, the IMO Marine Environment Protection Committee approved in 2024 MEPC.1/Circ.909 providing recommendations for the carriage of plastic pellets by sea in freight containers. However, since those recommendations are not legally binding, the Union, in line with its obligation under the Treaties to preserve, protect and improve the quality of the environment, and to promote measures at international level to deal worldwide environmental problems, has adopted binding rules to pioneer worldwide a higher level of environmental protection in this field. Shippers should ensure that plastic pellets are packed in good quality packaging, that transport information is delivered – in a timely manner – to the operator, agent, and master of the sea-going vessel and that a special stowage request is duly completed. Operators, agents, and masters of sea-going vessels should, on the basis of the transport information received from the shippers, ensure that freight containers containing plastic pellets are properly stowed and secured so as to minimise hazards to the marine environment without impairing the safety of the sea-*

going vessel and persons on board. Specifically, freight containers containing plastic pellets should be stowed: (1) under deck wherever reasonably practicable; or (2) inboard in sheltered areas of exposed decks.

These requirements complement the overall IMO and EU legal framework on the safety of maritime transport and the prevention of pollution from ships, notably Directive 2002/59 which established a system to prevent accidents and pollution at sea taking into account the international legal rules.

- (15) Economic operators, EU carriers and non-EU carriers should implement the requirements on the handling of plastic pellets by following a priority order of action **for** preventing the release of pellets in the environment as the top priority. Therefore, preventing spills of plastic pellets from primary containment during routine handling, thus reducing the risk of spills to the lowest possible level, should be the first step, including by avoiding any unnecessary handling (for instance by reducing the transfer points) and by using **good quality** packaging, followed by containment of spilled pellets to make sure they do not become a loss to the environment, and eventually by clean up after a spill or loss event as the final step. ***Containment and clean-up interventions should be carried out in a manner that minimizes environmental damage, in particular in sensitive habitats.***
- (16) While the aim is to prevent plastic pellet losses to the environment for all economic operators, EU carriers and non-EU carriers, obligations for micro-, small and medium-sized enterprises should be adjusted to mitigate the burden on them.
- (16a) ***Member States, on the other hand, should not be prevented from introducing or maintaining more stringent protective measures. Such measures, including targeting economic operators handling more than 5 tonnes of plastic pellets, are to be compatible with the Treaties.***
- (17) The registration of installations handling plastic pellets and of carriers transporting them is necessary for the traceability of plastic pellets handled and transported in each Member State and to allow competent authorities to perform compliance checks efficiently.
- (18) In order to prevent plastic pellet losses, economic operators should establish, implement, and update at all times a risk **management plan, including a risk** assessment, identifying potential for spills and losses and documenting in particular **existing** specific equipment and procedures in place to prevent, contain and clean up pellet losses. ***The risk management plan should also consider the costs and benefits of additional equipment***

and procedures to address the identified risks taking into consideration the *nature and size of the* installation *as well as* the scale of *its* operations. *Where additives have been added to plastic pellets, economic operators should consider the hazard properties of the plastic pellets concerned, and where such additives are likely to increase the harm to human health or the environment in case of pellet losses, economic operators should consider including this information in the risk management plan.*

- (19) To enable competent authorities to verify compliance with the risk *management* plan's requirements, economic operators should provide the competent authority with the risk *management* plan they have *developed*, together with a self-declaration of conformity *or a certificate, as applicable*.
- (20) Economic operators should be able to *determine through a risk-based approach* the specific equipment to install or the *procedures to implement*. Nevertheless, competent authorities, while verifying compliance, should be able to require economic operators to amend the risk *management* plan including by taking, in a given timeframe, any of the actions listed in this Regulation to ensure adequate implementation of the requirements of this Regulation.
- (21) In order to evaluate the adequacy of the risk *management plan designed* for each installation, economic operators should keep record of an estimate of the quantity of the pellets released to the environment per year, together with the total *quantities* handled. To reduce burden on economic operators, the *competent authorities and certifiers should be able to use* information on estimates of quantities released in the framework of the reporting requirement under Commission Regulation (EU) 2023/2055.
- (22) Due to the characteristics of their activity, carriers should not be mandated to *develop and implement* a risk *management* plan. Instead, they should be required to undertake tangible measures aimed at preventing, containing, and addressing spills and losses. These measures should be subject to verification by competent authorities, primarily during the transportation process. *Some of these measures should be implemented during loading and unloading operations, which are hotspots for spills and losses. These operations are typically carried out under the responsibility of both the economic operators and the carriers, while the carriers are the only responsible for the transportation journey.*
- (22a) *Non-EU carriers should designate an authorised representative, which should act on behalf of the non-EU carrier and may be addressed by any competent authority. The*

representative should be explicitly designated by a written mandate of the non-EU carrier with regard to specific obligations under this Regulation. The designation of such representative does not affect the responsibility or liability of the non-EU carrier under this Regulation. The authorised representative should be subject to enforcement proceedings, as far as its mandate is concerned, in the event of non-compliance by the non-EU carrier.

- (23) The successful implementation of the actions required to prevent, ***contain and clean-up*** plastic pellet losses requires the full cooperation and commitment of economic operators', EU carriers' and non-EU carriers' employees. Economic operators, ***EU carriers and non-EU carriers*** should be required to train their staff according to their employees' specific roles and responsibilities in order to ensure they are aware of and are able to ***install, use and maintain*** the equipment and execute the procedures necessary to ensure compliance with the requirements laid down in this Regulation, ***including how to monitor and report plastic pellet losses***. ***Where appropriate***, economic operators, EU carriers ***and non-EU carriers*** should adopt corrective actions including, where necessary, the improvement of equipment and procedures in place. ***They should also be required to monitor and keep records of annually estimated quantities of losses to help fill persisting knowledge gaps.***
- (24) Medium and ***large sized*** enterprises ***typically have a more complex structure due to their size***. ***In case they*** operate installations where plastic pellets are handled in quantities above ***1500 tonnes per year they*** should be required to implement, for each installation, extra actions like carrying out an annual internal assessment, and adopting a training programme addressing specific training needs and modalities. ***The internal assessment can among others cover the following subjects: the estimated quantities and causes of losses; the preventive, containment and clean up equipment or procedures implemented to avoid future losses, and their effectiveness; discussions with the personnel, inspections of equipment and procedures in place and revision of any relevant documentation.***
- (24a) ***Enterprises that operate installations where plastic pellets are handled in quantities above 1500 tonnes per year may bring higher risks of pellet losses to the environment. Medium and large sized enterprises that operate installations where plastic pellets are handled in quantities above 1500 tonnes should demonstrate compliance with the requirements laid down in this Regulation by obtaining, and renewing, a certificate issued by certifiers. In line with a supply chain approach, while limiting administrative burden on small companies, small enterprises that operate installations where plastic***

pellets are handled in quantities above 1500 tonnes should demonstrate compliance by obtaining a certificate issued by certifiers with a validity of five years. The certification process would also help these enterprises identify the actions needed to be compliant with the requirements laid down in this Regulation. After the expiry period of the certificate, these enterprises should demonstrate compliance by notifying an update of their risk management plan as well as a self-declaration of conformity to the competent authority every five years from the last notification, unless these enterprises choose, in a timely manner, to continue to demonstrate compliance by renewing a certificate issued by certifiers.

- (24b) *The certifier, in particular consultancy services, should not engage in any activity that may conflict with their independence of judgement, or integrity in relation to the certification activities for which they are accredited. These certifiers can either be an accredited conformity assessment body, or an environmental verifier licenced to carry out verification and validation in accordance with Regulation (EC) No 1221/2009 of the European Parliament and of the Council¹ on the voluntary participation by organisations in a Community eco-management and audit scheme (EMAS). The certificate should correspond to a unique format in order to ensure homogeneous information.*
- (25) Micro **■** enterprises **■** and *small*, medium and large-sized enterprises operating installations where plastic pellets in quantities below ***the threshold of 1500 tonnes*** have been handled should be required to be subject to a self-declaration of conformity. They should also be given sufficient time to demonstrate their compliance.
- (26) To enable competent authorities to more efficiently verify compliance under this Regulation, certifiers should notify competent authorities about the outcome of their assessments. Certificates should not prejudice the assessment on compliance by competent authorities.
- (26a) *In order to ensure transparency, competent authorities should make certain information publicly available. This includes the notification on installations operated, involvement in the transport of plastic pellets in the Union including significant changes from what was previously notified, the establishment of an authorised representative, risk management plans, self-declarations of conformity, certificates and permits, which should be accessible through an easy-to-find, free, and unrestricted online platform. However, to ensure safety and confidentiality, authorities can withhold specific details if*

their release would jeopardize the safety of the concerned installations, the safety of local population, or other public interests. The Commission will also publish lists of national websites and authorised representatives of non-EU carriers to ensure wide access to this information while safeguarding business confidentiality.

- (27) In order to be EMAS registered, economic operators are required to comply with environmental legislation, including this Regulation. Consequently, economic operators which are registered to EMAS should be considered compliant with the requirements laid down in this Regulation provided that an environmental verifier has verified that requirements laid down in this Regulation have been included in their environmental management system and implemented. These economic operators should therefore be exempted from the obligations of certification and notification to competent authorities when renewing self-declarations and risk *management plan*. *In addition to the exemption provided for EMAS and for the purpose of decreasing the burden on other high-integrity systems, it is possible for economic operators that prepare and implement other environmental management systems for each installation to be exempted from compliance in this Regulation upon meeting certain criteria as laid down in this Regulation.*
- (28) Competent authorities should verify economic operators', EU carriers' and non-EU carriers' compliance with the obligations arising from this Regulation using, if appropriate, the findings provided as part of the certification or ■ self-declarations. *Such verification should be based, as appropriate, on ■ environmental inspections or other verification measures, on a risk-based approach. Inspections should, where possible, be coordinated with those required under other Union legal acts.* Competent authorities should provide the Commission with information on the implementation of this Regulation.
- (28a) *Member States may ensure compliance with this Regulation through permits based on a system of regular inspections of installations to examine the full range of relevant environmental effects, including plastic pellet spills and losses. For installations located in a Member State choosing that compliance is to be enforced and verified through such system of permits and regular inspections, economic operators are exempted from obtaining a certificate or submitting a self-declaration of conformity for those installations for which they hold a permit which imposes the conditions necessary for compliance with this Regulation and its Annexes. For installations for which such exemption applies, economic operators should notify the relevant competent authority*

about the risk management plan and regular updates of the plan. When compliance is ensured through permits, Member States should take the necessary steps to revise the conditions of existing permits and issue new permits such that compliance with this Regulation and its Annexes is ensured in due time.

- (28b) *According to the Directive 2008/98/EC, Member States should require recyclers to obtain a permit, the conditions of which should ensure that the production of plastic pellets is conducted without endangering human health or harming the environment, particularly avoiding risks to water, air, soil, plants, or animals.*
- (29) In order to minimise the effects of any loss, the economic operator, EU carrier and non-EU carrier should take the measures necessary to restore compliance. The corrective action required should be proportionate to the infringement detected and its expected harmful effects on the environment. Where competent authorities detect an infringement of this Regulation, they should notify the economic operator, the EU carrier or the non-EU carrier about the infringement detected and require that corrective measures are taken to restore compliance.
- (30) Competent authorities should have a minimum set of inspection and enforcement powers in order to ensure compliance with this Regulation, to cooperate with each other more quickly and more efficiently, and to deter economic operators, EU carriers and non-EU carriers, *authorised representatives, and shippers, operators, agents and masters of sea-going vessels transporting pellets, where relevant*, from infringing this Regulation. Those powers should be sufficient to tackle the enforcement challenges and to prevent non-compliant economic operators from exploiting gaps in the enforcement system by relocating to Member States whose competent authorities are not equipped to tackle unlawful practices.
- (31) Competent authorities should be able to use all facts and circumstances of the case as evidence for the purpose of their inspection.
- (32) Micro, small and medium-sized enterprises *account for an important share of the plastic pellet supply chain. When complying* with the relevant obligations laid down in this Regulation, ■ they could face *specific implementation challenges and* proportionally higher costs ■ . The Commission should raise awareness among economic operators and carriers regarding the necessity of preventing pellet losses. Additionally, *in consultation with all relevant stakeholders*, the Commission should develop training materials, *which*

may take various forms, including guides and courses, to assist economic operators and carriers in fulfilling their obligations, particularly with respect to the requirements of the risk assessment. The non-binding Recommendation adopted by the parties to the Convention for the Protection of the Marine Environment of the North-East Atlantic (OSPAR) on the reduction of plastic pellet loss into the marine environment should be considered in that regard. Member States should provide access to information and assistance, *especially for micro and small enterprises*, regarding compliance with obligations and the risk assessment requirements. Regarding the assistance of Member States, this could include technical **I** support *and* specialised training to *all personnel handling plastic pellets. It could also include financial support, including for the purpose of certification for small enterprises, as well as access to finance.* Member States actions should be taken in respect of applicable State aid rules.

- (33) In order to facilitate common grounds to estimate the losses of plastic pellets to the environment, it is necessary to have a standardised methodology set in a harmonised standard that is adopted in accordance with Regulation (EU) No 1025/2012 of the European Parliament and of the Council¹⁵. *Regulation (EU) No 1025/2012 provides for a procedure for objections to harmonised standards where those standards do not entirely satisfy the requirements set out in this Regulation.*

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- (35) In order to ensure that the objectives of this Regulation are achieved, and the requirements are enforced effectively, Member States should designate their own competent authorities responsible for the application and enforcement of this Regulation. In cases where there is more than one designated competent authority in their territory, in order to ensure effective exercise of the duties of the competent authorities, Member States should ensure close cooperation between all designated competent authorities.
- (36) In order to ensure compliance, competent authorities should also take the necessary steps, including inspections and hearings when in possession of and based on relevant

¹⁵ Regulation (EU) **No 1025/2012** of the European Parliament and of the Council of 25 October 2012 on European standardisation, amending Council Directives 89/686/EEC and 93/15/EEC and Directives 94/9/EC, 94/25/EC, 95/16/EC, 97/23/EC, 98/34/EC, 2004/22/EC, 2007/23/EC, 2009/23/EC and 2009/105/EC of the European Parliament and of the Council and repealing Council Decision 87/95/EEC and Decision **No 1673/2006/EC** of the European Parliament and of the Council (OJ L 316, 14.11.2012, p. 12–33).

information, including substantiated complaints submitted by third parties. Third parties submitting a complaint should be able to demonstrate a sufficient interest or maintain the impairment of a right.

- (37) Member States should ensure that any measures taken by their competent authorities under this Regulation are subject to effective judicial remedies in accordance with Article 47 of the Charter of Fundamental Rights of the European Union (*the ‘Charter’*). According to settled case law of the Court of Justice of the European Union, it is for the courts of the Member States to ensure judicial protection of a person’s rights under Union law. Furthermore, Article 19(1) of the Treaty *of the* European Union (*TEU*) requires Member States to provide remedies that are sufficient to ensure effective *legal* protection in the fields covered by Union law. In this respect, Member States should ensure that the public, including natural or legal persons in accordance with this Regulation, has access to justice in line with the obligations that Member States have agreed to as parties to the UN Economic Commission for Europe (UNECE) Convention on Access to Information, Public Participation in Decision-making and Access to Justice in Environmental Matters of 25 June 1998¹⁶ (‘*Aarhus Convention*’).
- (38) Member States should lay down rules on penalties applicable to infringements of *national provisions adopted pursuant to* this Regulation and *should* ensure that *they* are implemented. *Member States may lay down rules for administrative as well as criminal penalties. In any case, the imposition of criminal and administrative penalties should not lead to a breach of the right not to be tried or punished twice in criminal proceedings for the same criminal offence (ne bis in idem principle) as interpreted by the Court of Justice. For the most serious infringements committed by a legal person, such as those of a high level of gravity due to their nature, extent and repetition, or where those infringements pose a significant risk to human health or the environment, Member States should ensure that their national system of penalties includes fines whose maximum amount should be at least 3 % of the annual Union turnover of the operator in the financial year preceding the year in which the fine is imposed. For those infringements, without prejudice to the obligations of Member States under Directive 2008/99/EC of the European Parliament and of the Council (25), Member States may*

¹⁶ Council Decision 2005/370/EC of 17 February 2005 on the conclusion, on behalf of the European Community, of the Convention on access to information, public participation in decision-making and access to justice in environmental matters (OJ L 124, 17.5.2005, p. 4).

also or alternatively adopt criminal penalties, provided that they are effective, proportionate and dissuasive. ■

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- (39a) *Where appropriate, Member States should support the financing of projects aimed at: cleaning up areas polluted by plastic pellets using environmentally sustainable practices; collecting, processing and providing information on incidental and accidental losses and related responses; improving knowledge of the impacts of pellet losses on human health and the environment; and promoting awareness-raising programmes, especially for the most affected areas such as industrial zones and ports.*
- (40) Where damage to human health has occurred as a result of an infringement of this Regulation, Member States should ensure that the individuals affected are able to claim and obtain compensation for that damage from the relevant natural or legal persons ■ . Such rules on compensation contribute to *the pursuit of* the objectives of preserving, protecting and improving the quality of the environment and *the protection of* human health as laid down in Article 191 *TFEU*. They also underpin the right to life, integrity of the person and health care laid down in *Article* 2, 3 and 35 of the Charter of Fundamental Rights of the European Union and the right to an effective remedy as laid down in Article 47 of the Charter. Moreover, Directive 2004/35/EC of the European Parliament and of the Council ⁽²⁶⁾ does not give private parties a right of compensation as a consequence of environmental damage or of an imminent threat of such damage.
- (40a) *It is therefore appropriate for this Regulation to address the right for compensation for damages suffered by individuals and to ensure that individuals can defend their rights against damages to health caused by infringements of this Regulation and thereby ensure a more efficient enforcement of this Regulation. Procedures relating to claims for compensation should be designed and applied in such a way that they do not render the exercise of the right to compensation for damage impossible or excessively difficult.*
- (40b) *The impact of this Regulation on the procedural autonomy of the Member States should be limited to what is necessary to ensure the objectives of protection of human health through a safe environment pursued by it and should not affect other national procedural rules establishing the right to seek compensation for infringements of this Regulation. Such national rules should, however, not hamper the effective functioning of the mechanism for seeking compensation required by this Regulation.*

- (41) To ensure that individuals can defend their rights against damages to health caused by infringements of this Regulation and thereby ensure its more efficient enforcement, non-governmental organisations promoting the protection of human health or the environment, including those promoting the protection of consumers and meeting any requirements under national law, as members of the public concerned, should be empowered to engage in proceedings, as the Member States so determine, either on behalf or in support of any victim, without prejudice to national rules of procedure concerning representation and defence before the courts. Member States usually enjoy procedural autonomy to ensure an effective remedy against violations of Union law, subject to the respect of the principles of equivalence and effectivity. However, experience shows that while there is overwhelming epidemiologic evidence on the negative health impacts of pollution on the population ■ it is ***not obvious to link a specific loss of plastic pellets directly to specific impacts on human health or the environment, and such impacts are generally also not immediate.*** ■
- (42) In order to take into account technical progress and scientific developments, the power to adopt acts in accordance with Article 290 TFEU should be delegated to the Commission ***in respect of amendments to*** ■ the Annexes ***of this Regulation.*** It is of particular importance that the Commission carry out appropriate consultations during its preparatory work, including at expert level, and that those consultations be conducted in accordance with the principles laid down in the Interinstitutional Agreement of 13 April 2016 on Better Law-Making¹⁷. In particular, to ensure equal participation in the preparation of delegated acts, the European Parliament and the Council receive all documents at the same time as Member States' experts, and their experts systematically have access to meetings of Commission expert groups dealing with the preparation of delegated acts.
- (43) In order to ensure uniform conditions for the implementation of this Regulation, implementing powers should be conferred on the Commission in respect of reporting of information on the implementation of this Regulation. ***Those powers should be exercised in accordance with Regulation (EU) No 182/2011 of the European Parliament and of the Council***¹⁸.

¹⁷ OJ L 123, 12.5.2016, p. 1.

¹⁸ ***Regulation (EU) No 182/2011 of the European Parliament and of the Council of 16 February 2011 laying down the rules and general principles concerning mechanisms for control by the Member States of the Commission's exercise of implementing powers (OJ L 55, 28.2.2011, p. 13, ELI: <http://data.europa.eu/eli/reg/2011/182/oj>).***

- (44) In order to provide economic operators, EU carriers, ■ non-EU carriers, *and shippers, operators, agents and or masters of sea-going vessels* with sufficient time to adapt to the requirements laid down in this Regulation, its application should be deferred.
- (45) *Since the objectives of this Regulation, namely preventing losses of plastic pellets, cannot be sufficiently achieved by the Member States but can rather, by reason of the scale or effects of the action, be better achieved at Union level, the Union may adopt measures, in accordance with the principle of subsidiarity as set out in Article 5 TEU. In accordance with the principle of proportionality as set out in that Article, this Regulation does not go beyond what is necessary in order to achieve those objectives.*

HAVE ADOPTED THIS REGULATION:

Article 1

Subject matter and scope

1. This Regulation lays down obligations for the handling of plastic pellets *to prevent losses* at all stages of the *plastic pellet* supply chain, *with the aim of achieving zero plastic pellet losses*.
2. This Regulation applies to the following subjects:
 - (a) economic operators handling plastic pellets in the Union in quantities *equal to or above a threshold of 5 tonnes* in the previous calendar year;

(aa) economic operators operating installations in the Union for the cleaning of plastic pellet containers and tanks;
 - (b) EU carriers and non-EU carriers transporting plastic pellets in the Union.

(ba) shippers, operators, agents and masters of sea-going vessels transporting plastic pellets in freight containers leaving or calling at a port of a Member State.

Article 2

Definitions

For the purposes of this Regulation, the following definitions apply:

- (a) 'plastic *pellets*' means a ■ mass of ■ polymer-containing ■ material, *regardless of its shape, form, or size*, that is *produced for moulding* in plastic product manufacturing operations, *irrespective of their actual use*.
- (b) 'spill' means a one-off *or prolonged* escape of *plastic pellets within installation's boundaries or within road vehicles, rail wagons, or inland waterway vessels transporting* plastic pellets from primary containment;
- (c) 'loss' means a one-off or prolonged escape of plastic pellets *to the environment at any stage of the supply chain, either from the* installation's boundary or from road vehicles, rail *wagons*, inland waterway *or sea going* vessels *leaving or calling at a port of a Member State*, transporting plastic pellets;
- (d) 'installation' means any premises, structure, *location, site* or place within which one or more economic activities involving the handling of plastic pellets are carried out;
- (e) 'economic operator' means any natural or legal person who operates or controls in whole or in part the installation, or, where this is provided for in national law, to whom decisive economic power over the technical functioning of the installation has been delegated;
- (f) 'EU carrier' means any natural or legal person established in a Member State, engaged in the transport of plastic pellets as part of its economic activity by using road vehicles, rail wagons or inland waterway vessels;
- (g) 'non-EU carrier' means any natural or legal person established in a third country, engaged in the transport of plastic pellets as part of its economic activity in the Union by using road vehicles, rail wagons or inland waterway vessels;
- (ga) '*shipper*' means any natural or legal person by whom or in whose name or on whose behalf a contract of carriage of goods has been concluded with any natural or legal person engaged in the transport of plastic pellets as part of its economic activity by using *sea-going vessels*;
- (gb) '*operator*' means the owner or manager of a sea-going vessel;
- (gc) '*agent*' means any person mandated or authorised to supply information on behalf of the operator of the seagoing vessel;

- (h) ‘micro, small or medium-sized enterprise’ means a micro, small or medium-sized enterprise within the meaning of the Annex to Commission Recommendation 2003/361/EC¹⁹;
- (i) ‘large-sized enterprise’ means an enterprise that is not a micro, small or medium-sized enterprise;
- (j) ‘competent authority’ means an authority or a body designated by a Member State to carry out its obligations under this Regulation;
- (ja) ***‘authorised representative’ means a natural or legal person established in the Union who has been designated by a written mandate from a non-EU carrier pursuant to Article 3a , to act on its behalf in relation to specific tasks with regard to the obligations under Article 3, paragraphs 2 and 3, Article 4, paragraph 7, Article 7b, paragraph 2 and Article 10 paragraph 1 of this Regulation;***
- (k) ‘certifier’ means any of the following ***natural or legal persons***:
 - (i) a conformity assessment body as defined in Article 2, ***point (13)***, of Regulation (EC) 765/2008 of the European Parliament and of the Council²⁰[...];
 - (ii) ***a natural or legal person which has obtained a license to carry out verification and validation in accordance with Regulation (EC) No 1221/2009*** ■
- (l) ‘conformity assessment’ means the process demonstrating whether an installation fulfils the applicable rules of this Regulation and of the delegated acts adopted on the basis thereof;
- (m) ***‘permit’ means a written authorisation, issued by the relevant competent authority, to operate an installation.***

¹⁹ Commission Recommendation of 6 May 2003 concerning the definition of micro, small and medium-sized enterprises (OJ L 124, 20.5.2003, p. 36).

²⁰ Regulation (EC) No 765/2008 of the European Parliament and of the Council of 9 July 2008 setting out the requirements for accreditation and market surveillance relating to the marketing of products and repealing Regulation (EEC) No 339/93 (OJ L 218, 13.8.2008, p. 30).

Article 3

General obligations

1. Economic operators, EU carriers and non-EU carriers shall ensure that losses are avoided. Where losses occur, economic operators, EU carriers and non-EU carriers shall take immediate action to *contain and* clean-up those losses *in accordance with environmentally sustainable practices*.
2. Economic operators ■ shall notify the competent *authorities of the Member State about each installation located in that Member State which* they operate *or control, or, where applicable, have delegated decisive economic power over the technical functioning of the installation. For each installation notified, they shall specify whether the installation handles plastic pellets in quantities below or above a threshold of 1500 tonnes. Before carriers transport plastic pellets in the Union for the first time, EU carriers and authorised representatives referred to in Article 3a, as applicable, shall notify the competent authorities of the Member State in which, respectively, the EU carrier or the authorised representative is established, about their involvement* in the transport of plastic pellets *within the Union*.
3. Economic operators, EU carriers *and authorised representatives* shall notify the competent authorities *referred to in paragraph 2* of any significant change in *what was previously notified in accordance with paragraph 2 regarding the concerned* installations and activities related to handling *and transporting* plastic pellets, including ■ any closure of an existing installation, *cessation of transport activities or in case they are no longer subject to this Regulation and any changes in the quantities of plastic pellets handled that are relevant for the application of the obligations associated with the thresholds*.

Article 3a

Authorised representatives of non-EU carriers

1. *Non-EU carriers shall designate in writing an authorised representative in at least one Member State where the non-EU carrier is engaged in the transport of plastic pellets.*

2. *The authorised representative shall be mandated by non-EU carriers in writing to be addressed in addition to or instead of that non-EU carrier, for the purposes of ensuring compliance with Article 3, paragraphs 2 and 3, Article 4, paragraph 7, and Article 7b, paragraph 2 and Article 10 paragraph 1 of this Regulation. The authorised representative's mandate shall be valid only when accepted in writing by the authorised representative. The designation of an authorised representative shall be without prejudice to legal actions which could be initiated against the non-EU carriers themselves.*
3. *The non-EU carrier shall inform the competent authorities of the Member State referred to in paragraph 1 and simultaneously the Commission on the designation of an authorised representative and its mandate before the first transport of plastic pellets in the Union.*

Article 4

Obligations regarding the handling of plastic pellets

1. Economic operators shall take the following actions:
 - (a) establish a risk **management** plan for each installation in accordance with Annex I taking into account the nature and size of the installation as well as the scale of its operations;
 - (b) install the equipment and execute the procedures described in the risk **management** plan referred to in point (a);
 - (c) notify the risk **management** plan referred to in point (a) to the competent authority of the Member State where the installation is located together with a self-declaration of conformity issued in accordance with the model form set out in Annex II. ■

Economic operators shall keep the risk **management** plan up-to-date, taking into account in particular the weaknesses identified through their experience in handling plastic pellets, and shall make it available to competent authorities on demand.

2. Economic operators that are **small**, medium **or** large-sized enterprises operating installations where plastic pellets in quantities below **a threshold of 1500** tonnes have been handled in the previous calendar year or that are **micro-sized** enterprises shall notify an update of the risk **management** plan for each installation as well as a renewal of the self-

declaration of conformity to the competent authority every 5 years from the last notification.

3. Competent authorities may require economic operators to take the following actions:
 - (a) to change risk **management** plans notified in accordance with paragraphs 1 and 2 to ensure that the losses can effectively be prevented **and**, where appropriate, contained and cleaned up and that Annex I is complied with;
 - (b) implement any of the actions listed in Annex I in a timely manner.
4. **■**
5. EU carriers and non-EU carriers shall ensure that the actions set out in Annex III are implemented **■** .
6. When economic operators implement the actions set out in the risk **management** plan established in accordance with Annex I and the EU carriers and non-EU carriers implement the actions laid down in Annex III, they shall take action, in the following priority order:
 - (a) actions to prevent spills
 - (b) actions to contain spills to avoid they become a loss;
 - (c) actions to clean-up after a spill or loss.
7. Economic operators, and EU **and non-EU** carriers shall have the following obligations:
 - (a) ensure that their staff is trained according to their specific roles and responsibilities and that they are aware of and are able to use the relevant equipment and execute the procedures set out to ensure compliance with this Regulation;
8. **■**
- (c) keep records of annually estimated quantities of losses and of the total **quantities** of plastic pellets handled.

As from six months after the publication of the relevant harmonised standard in the Official Journal of the European Union or from the date of application of the implementing act referred to in Article 13(2) of this Regulation economic operators **and EU and non-EU carriers** shall estimate the quantities of losses referred to in the first subparagraph, point (c), in accordance with the standardised methodology referred to in Article 13.

Authorised representative shall provide evidence of the compliance by non-EU carriers with the obligation laid down in point (a) and economic operators and EU carriers and authorised representative shall retain records referred to in point (c) of this paragraph for a period of five years and make them available to competent authorities on demand, and, where applicable, to certifiers for the purpose of Article 5.

8. Where an action taken for the prevention, containment and clean-up of spills and losses fails, economic operators, **EU** carriers and non-EU carriers shall take corrective actions, ***without delay.***
9. Every year economic operators that are ***medium or large sized*** enterprises ■ that operate installations where plastic pellets in quantities ***equal to or above a threshold of 1500*** tonnes have been handled in the previous calendar year shall, for each installation, carry out an internal assessment on the state of compliance of the installation with the requirements of the risk ***management*** plan laid down in Annex I ***or with the conditions under which the permit was granted according to Article 5a, paragraph 1, point (a).***

■

The economic operators referred to in the first subparagraph shall maintain records of the assessments for a period of five years and shall make such records available to competent authorities on demand, and to certifiers for the purpose of Article 5.

Article 4a

Obligations regarding the transport of plastic pellets by sea in freight containers

1. Shippers shall ensure that:

- (a) ***plastic pellets are packed in good quality packaging that is strong enough to withstand the shocks and loadings normally encountered during transport and is constructed and closed so as to prevent any loss of contents which may be caused under normal conditions of transport, by vibration or acceleration forces;***

- (b) transport information identifying the freight containers containing plastic pellets is delivered to the operator, agent and master of the sea-going vessel as an addition to the cargo information required by Regulation VI/2 of the International Convention for the Safety of Life at Sea, before plastic pellets are taken on board;*
 - (c) cargo information referred to in point (b) is accompanied by a special stowage request requiring stowage of the freight containers containing plastic pellets as outlined in paragraph 2, point (b) of this Article.*
- 2. *Operators and masters of sea-going vessels and, where relevant, agents shall ensure that they are in possession of the list or manifest or appropriate loading plan in accordance with the cargo information received from the shipper referred to in paragraph 1, point (b) of this Article.*
 - 3. *Operators and masters of sea-going vessels shall ensure that freight containers containing plastic pellets are stowed under deck wherever reasonably practicable, or inboard in sheltered areas of exposed decks. In both cases, such containers are secured to minimize hazards to the marine environment without impairing the safety of the seagoing vessel and persons on board.*

Article 5

Certification

- 1. By ... [24 months **from** the entry into force of this Regulation], and thereafter every three years, economic operators that are large-sized enterprises shall demonstrate that ***the handling process at*** each installation where plastic pellets in quantities ***equal to or above a threshold of 1 500*** tonnes have been handled in the previous calendar year is compliant with the requirements set out in Annex I, by obtaining a certificate issued by a certifier.
- 2. By ... [36 months **from** the entry into force of this Regulation], and thereafter every four years, economic operators that are medium-sized enterprises shall demonstrate that ***the handling process at*** each installation where plastic pellets in quantities ***equal to or above a threshold of 1 500*** tonnes have been handled in the previous calendar year is compliant with the requirements set out in Annex I, by obtaining a certificate issued by a certifier.
- 2a. ***By ... [60 months from the entry into force of this Regulation], economic operators that are small enterprises shall demonstrate that each installation where plastic pellets in***

quantities above 1 500 tonnes have been handled in the previous calendar year is compliant with the requirements set out in Annex I, by obtaining a certificate issued by a certifier. That certificate shall be valid for 5 years.

The economic operators referred to in the first subparagraph shall comply with Article 4, paragraph 2 after the expiry period of the certificate unless they choose to renew it in accordance with the first subparagraph.

3. Certifiers shall carry out spot-checks, *including, if accessible, at immediately surrounding areas*, to ensure that **■** the risk *management plan established* in accordance with Annex I *is adequate to prevent plastic pellet losses and that all measures included therein* are duly implemented.
4. Certificates shall meet the following requirements:
 - (a) be issued in accordance with the model form set out in Annex IV and in electronic form;
 - (b) specify the economic operator, the installation covered by the certificate, the date of the spot-checks carried out, and the period of validity;
 - (c) certify conformity of the installation covered by the certificate with the requirements laid down in Annex I;
5. Without undue delay, certifiers shall notify the competent authority of the following:
 - (a) certificates issued;
 - (b) certificates suspended or withdrawn;
 - (c) changes in certificates.

■

Article 5a

Compliance through permits

1. *Member States may exempt economic operators from the obligations laid out in Article 4(1) (c) and 4(2) as well as from obtaining a certificate pursuant to Article 5(1), (2) and (2a) in respect of each installation, provided that:*

- (a) the operation of the installation is subject to a permit;*
 - (b) the economic operator has notified the authority competent for the issuance of permits about the risk management plan referred to in Article 4(1) as well as its updates every 3 years for large, 4 years for medium, and 5 years for small and micro-sized enterprises;*
 - (c) the permit has been granted or reviewed and, if necessary, updated based on the verification of the economic operators' compliance with Annex I following the notification of a risk management plan and subsequent updates, done under point (b);*
 - (d) the installation is subject to regular inspections by competent authorities, including site visits, with a periodicity equivalent to those indicated in Articles 4(2) and 5 examining the full range of relevant environmental effects, including plastic pellet spills and losses.*
2. *The Member State shall notify the exemption of the economic operators and national rules on permits to the Commission.*

Article 6

Environmental management systems

1. Economic operators which are registered to the Community eco-management and audit scheme (**EMAS**) in accordance with Regulation (EC) No 1221/2009 are exempt from compliance with the notification obligation laid down in Article 4(2) and the obligations laid down in Article 5(1), **(2) and (2a)** of this Regulation provided that the environmental verifier as defined in Article 2(20) of Regulation (EC) No 1221/2009 has checked that requirements laid down in Annex I have been included in the environmental management system of the economic operator and have been implemented.
2. *Member States may exempt economic operators from compliance with Articles 4(2), 5(1), 5(2) and 5(2a) of this Regulation when they have prepared and implemented an environmental management system (EMS) for each installation, and provided that:*
 - (a) an accredited certifier has conducted a conformity assessment to verify, including through spot-checks, that the EMS and the way it is implemented are compliant with the requirements set out in Annex I;*

- (b) *the economic operator notifies the competent authorities about the conformity assessment of the EMS and the way it is implemented at the installation with the requirements set out in Annex I, including information about the economic operator, the installation for which compliance is verified, the date at which spot-checks are carried out, and the period for which the conformity assessment is valid;*
- (c) *the regular conformity assessments of the EMS include, at least every three years, an evaluation of its implementation in accordance with Annex I.*

Article 7

Accreditation of certifiers

The accreditation of certifiers referred to in Article 2, point (k)(i), shall include an evaluation of compliance with the following requirements:

- (-a) *the certifier shall be established under the law of a Member State and shall have legal personality;*
- (a) the certifier shall be *a third party body* independent of the economic operator;
- (b) the certifier, its top-level management and the personnel responsible for the conformity assessment shall not engage in any activity that may conflict with their independence of judgement or integrity in relation to the certification activities;
- (c) the certifier and its personnel *shall operate in a non-discriminatory manner and* shall carry out their activities with the highest degree of professional integrity and the requisite technical competence and shall be free from all pressures and inducements, including financial, which might influence their judgement or the results of their certification activities, *especially as regards persons or groups of persons with an interest in the results of those activities. The impartiality of the certifiers, their top-level management and of the personnel responsible for carrying out the certification and tasks shall be guaranteed;*
- (d) the certifier shall have the expertise, equipment and infrastructure required to perform the conformity assessment in relation to which it has been accredited;

- (e) the certifier shall have a sufficient number of suitably qualified and experienced personnel responsible for carrying out the conformity assessment tasks;
- (f) ***without prejudice to the powers of the competent authorities under Article 11(3), point (b),*** the personnel of a certifier shall observe professional secrecy with regard to all information obtained in carrying out the conformity assessment tasks;
- (g) where a certifier subcontracts specific tasks connected with certification or has recourse to a subsidiary, it shall take full responsibility for the tasks performed by subcontractors or subsidiaries and shall assess and monitor the qualifications of the subcontractor or the subsidiary and the work carried out by them. ***Only the tasks that fall in the scope of accreditation of the certifier may be performed by subcontractors or subsidiaries. Certifiers shall ensure that the activities of their subcontractors or subsidiaries do not affect the confidentiality, objectivity or impartiality of their certification activities.***

Article 7a

Obligation to provide information

Without prejudice to Regulation (EC) No 1272/2008 and Regulation (EC) No 1907/2006 of the European Parliament and of the Council, any manufacturer, importer, downstream user or distributor placing on the market plastic pellets which are synthetic polymer microparticles under Annex XVII, entry 78 to Regulation (EC) 1907/2006 of the European Parliament and the Council shall provide the information as referred to in Annex IVb of this Regulation on the label, the packaging, the package leaflet, or on the safety data sheet. The information shall be clearly visible, legible and indelible. The text information shall be provided in the official languages of the Member States where the plastic pellets are placed on the market, unless the Member States concerned provide otherwise. They may provide this information when carrying out the obligations pursuant to Annex XVII, entry 78, paragraph 7 to Regulation (EC) No 1907/2006.

Article 7b

Public access to information

1. ***Competent authorities shall make available to the public, including systematically via the internet, on a webpage which is easy to find, free of charge and without restricting access to registered users, while ensuring that confidential business information is safeguarded the following:***

- (a) the information they have received in accordance with Article 3(2) and (3) and Article 3a;*
- (b) the risk management plans they have received in accordance with Article 4(1);*
- (c) the self-declaration of conformity they have received in accordance with Article 4(2);*
- (d) certificates issued pursuant to Article 5 and notifications they have received in accordance with paragraph 5 of that Article; and*
- (da) the conformity assessment of the EMS they have received in accordance with Article 6(2), point (b);*
- (f) the content of the decision granting a permit, including a copy of the permit and any subsequent updates or a link to other existing publicly accessible registers or websites, established at Member State level, that provide access to such permits and their subsequent updates.*

- 2. Competent authorities, when making the risk management plans referred to in paragraph 1, point (b), available to the public, shall not publicly disclose the information referred to in Annex I, point 1a. Competent authorities may omit parts of other information referred to in paragraph 1, points (a) and (b), if its disclosure would adversely affect the safety of the installations concerned or safety of the local population, or any of the interests listed in Article 4(2), points (a) to (h), of Directive 2003/4/EC. Competent authorities may require economic operators to identify the parts of the information they consider shall not be publicly disclosed.*
- 3. The Commission shall publish the list of such national websites on its website, provided that such information is submitted by Member States.*
- 4. The Commission shall make the list of designated authorised representatives of non-EU carriers pursuant Article 3a available to the public, including systematically via the internet, on a webpage which is easy to find, free of charge and without restricting access to registered users, while ensuring that confidential business information is safeguarded.*

Article 8

Verification of compliance and reporting

1. Competent authorities shall verify compliance of economic operators, EU carriers and non-EU carriers *and authorised representatives, shippers, operators, agents and masters of sea-going vessels transporting plastic pellets in the Union leaving or calling at a port of a Member State* with the obligations laid down in this Regulation, taking into account, *where applicable*, the information provided in self-declarations of conformity referred to Article 4(1) and (2) and *collected* by certifiers *and competent authorities* in accordance with Article 5(5) *and Article 5a(1) in accordance with exemptions granted pursuant to Article 6*. The competent authorities shall carry out environmental inspections, *including without prior notice*, and other verification measures, following a risk-based approach.
2. At the latest by ... [the first day of the month after four years following the date of entry into force of this Regulation] and every three years thereafter Member States shall, submit a report to the Commission containing qualitative and quantitative information on the implementation of this Regulation during the previous *three consecutive* calendar *years*. The information shall include:
 - (a) the number of economic operators per size of enterprise according to Commission Recommendation 2003/361/EC and per economic activity, their installations, and **■** the *number of EU carriers and non-EU* carriers and their means of transport allocated to transporting plastic pellets;
 - (b) the number of risk *management* plans, self-declarations notified pursuant to Article 4(1) and 4(2), *the number of* certificates notified pursuant to Article 5(5) *and the number of economic operators that are EMAS registered or have implemented an EMS meeting the conditions in Article 6(2)*;
 - (ba) *the number of permits granted meeting the conditions pursuant to Article 5a*;
 - (c) the number and results of environmental inspections and other verification measures carried under paragraph 1 of this Article as well as the number of incidents and accidents reported in accordance with Article 9(1) and the measures taken in case of non-compliance with the obligations set out in this Regulation.

3. The Commission shall ■ by means of implementing acts *lay down* a format for the reports referred to in paragraph 2. *Those implementing acts shall be adopted in accordance with the advisory procedure referred to in Article 18a(2).*
- 3a. *No later than three months after the reporting date by the Member States referred to in paragraph 1, the Commission shall make publicly available a Union-wide overview of the application of this Regulation, based on the data submitted pursuant to that paragraph.*

Article 9

Incidents and accidents

1. Without prejudice to Directive 2004/35/EC, in the event of an incidental or accidental loss ■ affecting human health or the environment, economic operators, EU carriers and non-EU carriers shall ■ :
- (a) *immediately* inform *emergency services, where relevant*;
 - (b) *immediately take all possible* measures to *minimise* the health or environmental consequences; and ■
 - (ba) *without delay and no later than 30 days after an incidental or accidental loss affecting human health or the environment, provide the following information to the competent authorities in whose territories the incident or accident occurred:*
 - *the estimated quantities of losses;*
 - *the causes of the loss; and*
 - *the measures taken pursuant to paragraph (a);*
 - (c) *take measures to prevent further incidents or accidents.*
2. The competent authority in whose territory the incident or accident occurred shall require, where necessary, that economic operators, EU carriers and non-EU carriers take appropriate complementary measures to *minimise* the health or environmental consequences and to prevent further incidents or accidents, *including by organising specific training.*

3. In the event of any incident or accident ■ affecting human health or the environment in another Member State, the competent authority in whose territory the accident or incident occurred shall immediately inform the competent authority of that other Member State.

Article 10

Non-compliance

1. In the event of an infringement of the rules laid down in this Regulation, economic operators, EU carriers, non-EU carriers *and authorised representatives, as applicable*, shall immediately:
 - (a) inform the competent authority;
 - (b) take the measures necessary to ensure that compliance is restored within the shortest possible time;
 - (c) comply with any complementary measures determined by the competent authority as necessary to restore compliance.
2. Where the infringement of the rules laid down in this Regulation poses an immediate danger to human health or threatens to cause an immediate significant adverse effect upon the environment, the competent authority *shall, or where this leads to a significant loss of plastic pellets, the competent authority may*, suspend the operation of the installation *or part of it, immobilise or prevent the movement of road vehicles, rail wagons or inland waterway vessels* until compliance is restored in accordance with paragraph 1, points (b) and (c).

Article 11

Designation and powers of competent authorities ■

1. Member States shall designate one or more competent authorities for the application and enforcement of this Regulation. *Member States shall inform the Commission, without delay after the entry into force of this Regulation, of the names, addresses, and contact details of the competent authorities, as well as any subsequent changes to this information.*
2. Member States shall confer on their competent authorities the powers of inspection and enforcement necessary to ensure compliance with this Regulation.

3. The powers referred to in paragraph 2 shall include at least the following:
 - (a) the power of access to any relevant documents, data or information related to an infringement of this Regulation, in any form or format and irrespective of their storage medium, or the place where they are stored, and the power to take or obtain copies thereof;
 - (b) the power to require any natural or legal person to provide any relevant information, data or documents, in any form or format and irrespective of their storage medium or the place where they are stored, for the purposes of establishing whether an infringement of this Regulation has occurred or is occurring and the details of such infringement;
 - (c) the power to start an inspection on their own initiative to bring about the cessation or prohibition of infringements of this Regulation;
 - (d) the power of access to installations.
4. Competent authorities may use any information, document, finding, statement or intelligence as evidence for the purpose of their environmental inspections and other verification measures, irrespective of the format or medium on which they are stored.
5. Where there is more than one competent authority in their territory, Member States shall ensure that appropriate communication and coordination mechanisms are established.

Article 12

Assistance relating to compliance

1. ***By ... [no later than 12 months from the entry into force of this Regulation], the Commission shall develop and make available to the public, including via the internet, on a webpage which is easy to find, free of charge and without restricting access to registered users, awareness raising and training material on the sound implementation of the obligations laid down in this Regulation in consultation with representatives of economic operators, carriers and certifiers, including micro-, small and medium-sized enterprises, relevant environmental non-governmental organisations and in collaboration with competent authorities. Where appropriate, the Commission shall consult also representatives of authorised representatives, shippers, operators, agents and masters of sea-going vessels transporting plastic pellets in the Union.***

2. Member States shall ensure that economic operators and ***EU carriers and non-EU carriers, authorised representatives, shippers, operators, agents and masters of sea-going vessels transporting plastic pellets in the Union***, get access to information and ***that they, especially micro and small sized enterprises, get*** assistance regarding compliance with this Regulation. ■

Without prejudice to applicable state aid rules, the assistance referred to in the first subparagraph may, ***in particular***, take the form of:

- (a) financial support, ***including for the purpose of certification for small enterprises***;
 - (b) access to finance;
 - (c) specialised management and staff training;
 - (d) organisational and technical assistance.
3. Member States shall encourage training programmes for the qualification of certifiers' personnel.

Article 13

Standards

1. For the purposes of compliance with the obligation referred to in Article 4(7), first subparagraph, point (c), a methodology to estimate quantities of losses shall be developed in harmonised standards in accordance with the procedures established by Regulation (EU) No1025/2012.
 - 1a. ***The Commission shall submit the request for the development of harmonised standards to one or more European standardisation organisation within 12 months after the entry into force of this Regulation.***
2. Where no European standardisation organisation accepts the request to draft a harmonised standard or where the Commission considers that the proposed standard does not satisfy the requirements which it aims to cover, the Commission shall establish the methodology referred to in paragraph 1 by means of an implementing act. ***That implementing act shall be adopted in accordance with the examination procedure referred to in Article***

Complaint-handling and access to justice

1. Natural or legal persons ■ regarded under national law as having a sufficient interest or those who consider that their rights were impaired shall be entitled to submit substantiated complaints to competent authorities when they deem, on the basis of objective circumstances, that an economic operator, EU carrier, non-EU carrier, ***or shipper, an operator, an agent and a master of sea-going vessel*** is failing to comply with the provisions of this Regulation.

For the purposes of the first subparagraph, non-governmental entities or organisations promoting ***the protection of*** human health, ***environment or those promoting*** consumer protection and meeting any requirements under national law shall be deemed to have a sufficient interest.

2. Competent authorities shall assess the substantiated complaint referred to in paragraph 1 and, where necessary, take the necessary steps, including inspections and hearings of the person or organisation, with a view to verifying those complaints. If the complaint is found to be grounded, the competent authorities shall take the necessary actions in accordance with Article 4(3), ***Article 9(2) and Article 10(2)***.
3. Competent authorities shall, as soon as possible, inform the ***persons*** referred to in paragraph 1 that submitted the complaint of its decision to accede to or refuse the request for action put forward in the complaint and shall provide the reasons for it.
4. Member States shall ensure ■ a person ■ referred to in paragraph 1 ■ shall have access to a court or other independent and impartial public body competent to review the procedural and substantive legality ■ of the competent authority's decisions, acts or failure to act under this Regulation, without prejudice to any provisions of national law which require that administrative review procedures be exhausted prior to recourse to judicial proceedings. Those review procedures shall be fair, equitable, timely and ■ not prohibitively expensive, and shall provide adequate and effective remedies, including injunctive relief where necessary.
5. Member States shall ensure that practical information is made available to the public on access to the administrative and judicial review procedures referred to in this Article.

Article 15

Penalties

1. Without prejudice to the obligations of Member States under Directive **2024/1203/EU** of the European Parliament and of the Council **■**, Member States shall lay down rules on penalties applicable to infringements of this Regulation and shall take all measures necessary to ensure that they are applied. The penalties provided shall be effective, proportionate and dissuasive.
2. The penalties referred to in paragraph 1 shall include ***administrative financial penalties that effectively deprive those that*** committed the infringement **■** of the economic benefits derived from ***their*** infringements. **■**
 - 2a. ***For the most serious infringements committed by a legal person, the maximum level of the administrative financial penalties referred to in the first subparagraph shall be at least 3% of the annual Union turnover of the operator in the financial year preceding the year in which the fine is imposed.***
 - 2b. ***Member States may also, or alternatively, use criminal penalties, provided that they are equivalently effective, proportionate and dissuasive to the administrative financial penalties referred to in this Article.***
3. Member States shall ensure that the penalties established pursuant to this Article take due account of the following, as applicable:
 - (a) the nature, gravity and extent of the infringement;
■
 - (c) the population or the environment affected by the infringement, bearing in mind the impact of the infringement on the objective of achieving a high level of protection of human health and the environment;
 - (d) ***repetitive or one-off character*** of the ***infringement***.
- 3a. ***Member States shall without undue delay notify the Commission of the rules and measures referred to in paragraph 1 and of any subsequent amendments affecting them.***

Article 16

Compensation

1. Member States shall ensure that, where damage to human health has occurred as a result of **an** infringement of this Regulation, the individuals affected have the right to claim and obtain compensation for that damage from the relevant natural or legal persons ■ , ■ responsible for the infringement.

■
3. Member States shall ensure that national rules and procedures relating to claims for compensation are designed and applied in such a way that they do not render impossible or excessively difficult the exercise of the right to compensation for damage caused by an infringement pursuant to paragraph 1.

■
5. Member States **may establish** limitation periods for bringing claims for compensation referred to in paragraph 1 ■ . Such periods shall not begin to run before the infringement has ceased and the person claiming the compensation knows or can reasonably be expected to know that he or she suffered damage from **an** infringement pursuant to paragraph 1.

Article 17

Amendments to Annexes

The Commission is empowered to adopt delegated acts in accordance with Article 18 to amend:

- (a) ***the technical requirements laid down in points (2), (3), (4) and (5) of Annex I;***
- (b) ***points (1), (2) and (3) of Annex III to add or remove equipment requirements or procedures or to specify the technical features of the existing equipment and procedures;***
and
- (c) ***the details of the forms laid down in Annexes II and IV***

on the basis of:

- (a) ***the experience gained from the implementation of obligations set out in Articles 3, 4, 5, 5a, 6, 8 and 9;***

- (ab) *the information made available by economic operators on the annually estimated quantities of losses of plastic pellets, as reported pursuant to Commission Regulation (EU) 2023/2055;*
- (b) relevant international standards;
- (c) the specificities of the sectors of activity;
- (d) the specific needs of micro, small and medium-sized enterprises; **or**
- (e) *technical progress and scientific developments.*

Article 18

Exercise of the delegation

1. The power to adopt delegated acts is conferred on the Commission subject to the conditions laid down in this Article.
2. The power to adopt delegated acts referred to in Article 17 shall be conferred on the Commission for a period of *five* years from ... [the first day of the month following the date of entry into force of this Regulation]. The Commission shall draw up a report in respect of the delegation of power not later than nine months before the end of the five-year period. The delegation of power shall be tacitly extended for periods of an identical duration, unless the European Parliament or the Council opposes such extension not later than three months before the end of each period.
3. The delegation of power referred to in Article 17 may be revoked at any time by the European Parliament or by the Council. A decision to revoke shall put an end to the delegation of the power specified in that decision. It shall take effect the day following the publication of the decision in the Official Journal of the European Union or at a later date specified therein. It shall not affect the validity of any delegated acts already in force.
4. Before adopting a delegated act, the Commission shall consult experts designated by each Member State in accordance with the principles laid down in the Interinstitutional Agreement of 13 April 2016 on Better Law-Making.

5. As soon as it adopts a delegated act, the Commission shall notify it simultaneously to the European Parliament and to the Council.
6. A delegated act adopted pursuant to Article 17 shall enter into force only if no objection has been expressed either by the European Parliament or by the Council within a period of two months of notification of that act to the European Parliament and the Council or if, before the expiry of that period, the European Parliament and the Council have both informed the Commission that they will not object. That period shall be extended by two months at the initiative of the European Parliament or of the Council.

Article 18a

Committee procedure

1. ***The Commission shall be assisted by a committee. That committee shall be a committee within the meaning of Regulation (EU) No 182/2011.***
2. ***Where reference is made to this paragraph, Article 4 of Regulation (EU) No 182/2011 shall apply.***
3. ***Where reference is made to this paragraph, Article 5 of Regulation (EU) No 182/2011 shall apply.***

Article 18b

Evaluation and review

1. ***Within 8 years from the date of entry into force, the Commission shall conduct an evaluation of the implementation of this Regulation in light of the objectives that it pursues. The Commission shall present a report on the main findings of the evaluation to the European Parliament and to the Council. The report shall include at least:***
 - (a) the experience gathered from the implementation of this Regulation;***
 - (b) the information reported by Member States pursuant to Article 8;***
 - (c) the information made available by economic operators on the annually estimated quantities of losses of plastic pellets, as reported pursuant to Commission Regulation (EU) 2023/2055;***

- (d) the contribution of this Regulation to the overall target of reducing microplastic pollution by 30 % by 2030;*
- (e) an assessment of whether further actions should be taken with regard to additional sources of unintentional releases of microplastics with a view to achieving the EU objective of reducing microplastic pollution;*
- (f) the latest data and scientific findings;*
- (fa) an assessment of the latest data and scientific findings on chemical traceability of pellets and relevance of introducing a unique chemical signature;*
- (g) the interaction of this Regulation with relevant international initiatives addressing plastic pellet losses, in particular with regards to maritime transport;*
- (h) an assessment of the impact of excluding from certain obligations under this Regulation economic operators handling plastic pellets below certain thresholds on the implementation of this Regulation, and the relevance to establish a threshold for carriers;*
- (i) an assessment of the effect that the exemptions granted pursuant to Article 5a had in achieving the objective of preventing spills and losses;*
- (l) an assessment of the compliance by carriers in particular non-EU carriers with the obligations under this Regulation.*
- (ka) an assessment of the relative effectiveness of the different means of providing information as referred to in Article 7a.*

2. Where appropriate, the report shall be accompanied by a legislative proposal to the European Parliament and Council.

3. In the event of the adoption by the International Maritime Organisation (IMO) of measures for the safe transport and prevention of marine pollution of plastic pellets by ships, the Commission shall assess these measures, including the need to ensure alignment with those measures, and shall if appropriate, adopt a legislative proposal.

Article 19

Entry into force and application

This Regulation shall enter into force on the twentieth day following that of its publication in the Official Journal of the European Union.

This Regulation shall apply [24 months after the entry into force of this Regulation]. However, Article 3(1) shall apply from [OP: please insert the date the date of the entry into force of this Regulation].

By way of derogation from the second paragraph of this Article, Article 1, paragraph 2, point ba, Article 2, points ga, gb, gc, Article 4a, Article 8, paragraph 1, and Article 12 and Article 14 as far as operators, agents and masters of sea-going vessels are concerned, shall apply from [36 months after the entry into force of this Regulation].

This Regulation shall be binding in its entirety and directly applicable in all Member States.

Done at Brussels,

For the European Parliament
The President

For the Council
The President

Annex I

RISK *MANAGEMENT* PLAN FOR INSTALLATIONS

- I.* The risk *management* plan referred to in Article 4(1) shall contain the following elements:
- (1) the site plan;
 - (1a) the number of tonnes of plastic pellets handled per year;*
 - (2) the locations ■ within the installation's boundaries *where spills may occur* , specifying high- and low-risk locations;
 - (2a) the locations, within the installation's boundaries, from which losses may originate and the locations in the immediately surrounding areas which may be affected by losses, specifying, in both cases, high-and low risk locations;*
 - (3) the handling operations during which pellet spills and losses may originate ■ , specifying high- and low-risk operations;
 - (4) the estimation of the quantities of spills and losses in the identified locations and operations;
 - (5) ■ the list of the activities *at which plastic pellet spills or losses might occur* over which the installation might have authority to exercise control, including suppliers, *(sub)-contractors* and off-site storage facilities;
 - (6) the definition of one specific role of a member of staff responsible for recording, investigating and follow-up on spills and losses, including reporting to competent authorities as in Article 4 (7) and Article 9 (1);
 - (7) description of *packaging and* equipment *put* in place to prevent, contain and clean up spills and losses; *and*
 - (8) description of procedures put in place to prevent, contain and clean up spills and losses.*

■

2. *With respect to point 7 of the risk management plan, the packaging and equipment put in place used to prevent, contain and clean up spills and losses shall be adequate and proportionate to the nature and size of the installation and shall include:*
 - (a) *For prevention: in case of installations at which packaging takes place, packaging that shall be strong enough to withstand the shocks, loadings and weather conditions normally encountered during transport; the strength of the packaging material used and the construction of the packaging is appropriate to the capacity of the packaging and its intended use; the packaging is sift-proof or is provided with a suitable liner. The packaging shall be securely constructed and closed so as to prevent any loss of contents which may be caused under normal conditions of transport, by vibration or acceleration forces;*
 - (b) *For containment: at high-risk spill locations, catchment devices (e.g. spill trays and in-ground retention tanks with steel grating) placed to ensure spills on the floor can easily be contained and cleaned, and pellet retaining drain covers or suitable alternatives to protect underground drainage systems;*
 - (c) *For clean-up: at spill and loss locations, vacuum cleaners with sufficient capacity for internal and external usage, sufficient cleaning tools (e.g., brooms, dustpan and brush, buckets, repair tapes) and disposal bins for collected pellets and empty bags;*
3. *With respect to point 8 of the risk management plan, the procedures put in place to prevent, contain and clean up spills and losses shall be adequate and proportionate to the nature and size of the installation and shall include:*
 - (a) *informing third parties accessing the installation to load, unload or otherwise handle pellets about the relevant procedures to prevent, contain and clean up spills and losses;*
 - (b) *handling the packaging of pellets in a way to prevent the piercing of packaging; at high-risk spill locations, ensuring that there are regular inspections, cleaning and maintenance of catchment devices and storage facilities as well as of packaging and containers; if the packaging and containers are leaking or sifting, ensuring that they shall not be used further;*

- (c) *containing spills and cleaning them up as soon as possible, and at the latest at the end of the operation;*
- (d) *ensuring that the outside of the road vehicle, rail wagon or inland waterway vessel is free from plastic pellets when leaving the installation; ensuring that loading and unloading ramps of road vehicles and rail wagons are closed when leaving the loading or unloading place;*

4. *In addition to paragraph 2 of this Annex and on the basis of the nature and size of the installation as well as the scale of its operations, economic operators shall consider including in the risk management plan the description of at least the following equipment:*

- (a) For prevention: *in case of installations at which packaging takes place:* packaging that can withstand degradation in aquatic environments; *vacuum seals on hoses and pipework; protective covers on forklifts, hydraulic equipment, or other loading and unloading equipment to prevent the piercing of packaging;* equipment to create secure connection points with secondary barriers in place; loading systems designed to ensure transfer lines can be completely emptied after loading and unloading; sealed containers or external silos to store pellets; *protection to prevent overfilling of silos;* automated transport systems for pellets; *plastic pellet dust extraction equipment with appropriate plastic pellet dust filters or catchment devices; for the cleaning of plastic pellet containers or silos, use of filter or catchment devices for rinse water and air cleaning;*
- (b) For containment: *secondary* catchment devices placed *between* areas *where pellets are handled and the boundary of the installation, around the installation and at points of connection where pellets are transferred;* drain covers *on all floor drains inside buildings and drains located on external surfaces (e.g. concrete plinths, asphalt roads and paved footpaths) with, where appropriate, a mesh size smaller than the smallest plastic pellets handled on site;* storm water drainage or filtration systems to manage reasonably foreseeable flood or storm events; a sewage treatment system; *closed containers for spilled pellets and empty packaging; zones to repair or deal with damaged packaging; a floor or underground at loading and unloading areas which does not hinder the cleaning of spills;*
- (c) For clean-up: industrial vacuum cleaners ■ ; dedicated ■ containers for recovered pellets that are covered, labelled and secured to prevent further spills and losses

including for pellets found in the locations in the immediately surrounding areas of the installation; reinforced collection bags;

5. *In addition to paragraph 3 of this Annex and on the basis of the nature and size of the installation as well as the scale of its operations, economic operators shall consider including in the risk management plan the description of at least the following equipment:*

- (a) for prevention: limits on the **quantities** of pellets transported in certain packaging ; use of spill trays under transfer points and during loading and unloading; clear protocols for opening, loading, closing and sealing containers at the start and end of loading; physical testing and monitoring of the effectiveness of prevention procedures; *reception and departure procedure for EU carriers and non-EU carriers; plastic pellet dust prevention procedures and measures;*
- (b) for containment: regular inspection, cleaning and maintenance of drain covers, storm water drainage or filtration systems; regular inspection and cleaning of vehicles leaving and/or entering a site, outgoing water facilities and fences on the perimeter of the facility that are in public areas when applicable; immediate replacement or repair of leaking packaging or containers ; maintenance of sewage treatment system;
- (c) for clean-up: *once the* spilled pellets *have been* cleaned up , if possible, *they* are reused as raw material to reduce wastage. If spilled plastic pellets cannot be reused as raw materials, they are retrieved and disposed of in accordance with waste legislation;

6. Economic operators that are medium or large-sized enterprises and operate installations where plastic pellets in quantities *equal to or above a threshold of 1500 tonnes* have been handled in the previous calendar year shall *include in their risk management plan* also the following *elements*:

- (a) elements that *are to* be reviewed at formal management meetings at least once a year including the estimated quantity and causes of any losses; preventive, mitigating and clean up equipment and procedures implemented and their effectiveness;

- (b) ■ an awareness and training programme, based on the employees' specific roles and responsibilities, on prevention, containment and clean-up, the installation, use and maintenance of equipment, the execution procedures, as well as the monitoring and reporting of pellet losses;
- (c) ■ procedures for informing drivers, suppliers and subcontractors about the relevant procedures to prevent, contain and clean up spills and losses.

Annex II

FORM FOR SELF-DECLARATION OF CONFORMITY

..... (name and address of the economic operator).

Declares under its sole responsibility that the handling of plastic pellets in the installation located in (address) with registration number (if available) meet all requirements of Regulation (EU) No [...] of the European Parliament and of the Council of [...] on preventing plastic pellets losses to reduce microplastic pollution.

By signing this declaration, I declare that the risk assessment attached, carried out on the (date) has been implemented.

Done at ... on .../.../20....

Signature

Annex III

ACTIONS FOR EU CARRIERS AND NON-EU CARRIERS

Measures to be taken and equipment to be put in place by EU carriers and non-EU carriers:

- (1) For prevention: verification during and after loading and unloading, that pellets are properly removed from the outside of the transport *means and freight containers* before leaving the *installation, and that loading and unloading ramps of the transport means are closed when leaving the installation*; clear communication on **■** requirements *concerning safe stowage ; visually checking the integrity of packaging of plastic pellets prior to the journey ■* ; ensuring that protective covers on e.g. forklifts/hydraulic equipment are used to prevent the piercing of packaging; *prevention of any leakage during the transport journey, e.g., by technical suitability of the transport means and freight containers supplemented, if necessary, with appropriate sealing*; regularly cleaning the loading compartments, *the freight containers and trailers* to minimise the loss of spilled pellets; *visually checking the openings and integrity of the loading compartments, freight containers and trailers to contain and minimise plastic pellet loss prior to and, to the extent possible, during the journey, including in the multimodal terminals, rail terminals, inland and seaports.*
- (2) For containment and clean-up: where possible, repair damaged packaging *during transport* and contain the remaining pellets in the loading compartment; collect the spilled pellets in closed containers or bags for proper disposal; in case of transport of pellets in bulk tanks, opening the bottom manhole/cone of the silo tank only after entering the cleaning bay; replace the container liner only in suitable and non-public areas, where any spillage can be contained; notify the authorities such as international and national emergency, or environmental authorities, as appropriate, from the Member State where the event occurred.
- (3) Equipment on board: at least one portable *lighting device*, hand tools (e.g. brooms, dustpan and brush, buckets, repair tapes, etc.); closed collection containers/reinforced collection bags.

Annex IV

FORM OF THE CERTIFICATE OF CONFORMITY

..... (name).

with registration number

accredited for the scope
..... (NACE Code)

declares, after having verified the installation of the economic operator (name)

located in with registration number (if available)

.....

that the installation meets all requirements laid down in Annex I of Regulation (EU) No [...] of the European Parliament and of the Council of [...] on preventing plastic pellets losses to reduce microplastic pollution.

By signing this declaration, I declare that:

- the verification has been carried out in full compliance with the requirements of Regulation (EU) No [...], including spot-checks performed in (dates),
- the outcome of the verification confirms that there is no evidence of non-compliance with the applicable legal requirements of Regulation (EU) No [...].

Done at ... on .../.../20....

Signature *and stamp or digital signature*

Annex IVb

Information to be provided pursuant to Article 7a



Harmful to the environment - avoid losses