

**Rapporto ambientale del  
Programma Regionale per la ricerca industriale,  
l'innovazione e il trasferimento tecnologico 2023-2025  
della Regione Emilia-Romagna**

**Allegato 4- Quadro sinottico di correlazione di riferimento per il  
Programma**

**Marzo 2023**

Ambito	Attività del PRIIT	Azioni PR FESR 2021-2027	Ulteriore potenziale correlazione con PNRR	Potenziale correlazione con azioni PTA
Ricerca e innovazione per le imprese e le filiere	1.1- Sostegno ai progetti di ricerca, sviluppo sperimentale, innovazione promossi da PMI e grandi imprese, anche in collaborazione con i laboratori ed i centri per l'innovazione della Rete Alta Tecnologia	Azione 1.1.1 Sostegno a progetti di ricerca, sviluppo sperimentale e innovazione delle imprese		Sostegno ai laboratori di ricerca della Rete Alta Sostegno ai progetti di ricerca innovativi promossi dalle imprese
	1.2 - Creazione di una rete di laboratori di imprese aperti alla collaborazione con il sistema regionale della ricerca e innovazione	Azione 1.1.2 Supporto a progetti di ricerca collaborativa dei laboratori di ricerca e delle università		Sostegno ai progetti di ricerca innovativi promossi dalle imprese
	1.3 - Sostegno ai processi di innovazione delle imprese e delle filiere per incrementare l'efficienza dei processi di produzione, la capacità di innovare prodotti, servizi e modelli di business, creare nuovo lavoro di qualità	Azione 1.1.3 Sostegno a progetti strategici di innovazione per le filiere produttive		Sostegno ai progetti di ricerca innovativi promossi dalle imprese
	1.4 - Supporto al trasferimento e valorizzazione delle conoscenze e tecnologie attraverso strumenti di open innovation		M4 C2 I3.1	Sostegno ai progetti di ricerca innovativi promossi dalle imprese
	1.5 - Interventi per la formazione di competenze nell'ambito della ricerca e innovazione	Azione 1.4.1 Rafforzamento delle competenze per la transizione industriale, digitale e green lungo la direttrice della S3		Sviluppo dell'offerta di istruzione e formazione in ambito energetico Sostegno alla creazione di alte competenze con le
	1.6 - Sostegno alla partecipazione ai programmi europei di R&I	Azione 1.1.7 Rafforzamento dell'ecosistema della ricerca e dell'innovazione		Sostegno ai progetti di ricerca innovativi promossi dalle imprese
	2. Infrastrutture e reti per la ricerca e innovazione	2.1 - Potenziamento e sviluppo dei tecnopoli e delle infrastrutture di ricerca e innovazione e attrazione di nuove infrastrutture di livello nazionale e	1.1.4. Sviluppo e potenziamento delle infrastrutture di ricerca	
2.2 - Sviluppo e rafforzamento dei laboratori, delle attività della Rete Alta Tecnologia, degli spazi S3				Sviluppo dell'offerta di istruzione e formazione in ambito energetico
2.3 - Azioni per la promozione e gestione della rete dei tecnopoli e dei laboratori accreditati e per l'attrazione e la promozione di nuove infrastrutture di livello nazionale e internazionale				Sostegno ai laboratori di ricerca della Rete Alta Tecnologia
2.4 -Sviluppo e rafforzamento delle attività della rete dei Clust-ER e degli HUB regionali per la ricerca e l'innovazione				Sostegno ai laboratori di ricerca della Rete Alta Tecnologia
2.5 -Sostegno alla partecipazione ai programmi dell'Unione Europea di R&I e alle attività connesse ai nuovi Patti Europei per le Competenze		1.1.7 Rafforzamento dell'ecosistema della ricerca e dell'innovazione		Sviluppo dell'offerta di istruzione e formazione in ambito energetico
3. Creazione e accelerazione di impresa	3.1 – Sostegno alle start up innovative	Azione 1.1.5 Sostegno alle start up innovative		
	3.2 – Sostegno ad incubatori e acceleratori di impresa e rafforzamento della rete IN-ER	Azione 1.1.6 Supporto allo sviluppo di incubatori/acceleratori		
	3.3 – Sostegno al fund raising, finanza agevolata, accesso agli investitori, supporto all'apertura ai mercati internazionali		Azione immateriale da non valutare secondo orientamenti tecnici CE	Sviluppo della finanza agevolata e della garanzia per la green e circular economy
	3.4 – Sostegno agli Spin-off Universitari		M4 C2 I3.3	
	3.5 – Sostegno a progetti congiunti imprese - ricerca (Proof of Concept POC)		M1 C2 R1	
	3.6 Sostegno all'imprenditoria femminile e allo sviluppo di nuove imprese femminili	1.3.5 Sostegno all'imprenditoria femminile		
4. Governance, pubblica amministrazione e assistenza tecnica	4.1 – Rafforzamento della governance con i soggetti dell'ecosistema, in collaborazione con ART-ER		Le azioni di governance si considerano immateriali e pertanto da non valutare secondo gli orientamenti tecnici della CE	Azioni trasversali e di sistema (regolamentazione, assistenza tecnica, osservatori e comunicazione)
	4.2 – Raccordo con le azioni del PNRR			
	4.3 – Raccordo con le reti e i progetti comunitari e nazionali			

# DNSH assessment

Mission	1 Digitalisation, Innovation, Competitiveness and Culture
Cluster	2 Digitalization, Innovation and Competitiveness of the Production System
Related Measure (Reform or Investment)	REFORM OF ITALIAN IP SYSTEM
Responsibility for reporting and implementation	MISE-DGTPI UIBM DIV VI F.MORGIA
Date	30.03.2021

Environmental objectives	Step 1		Step 2		
	Does the measure have no or an insignificant foreseeable impact on this objective or contribute to support this objective?	Justification if A, B or C has been selected	Questions	Yes/No	Substantive justification if NO has been selected
1. Climate change mitigation	A. The measure has no or an insignificant foreseeable impact on the environmental objective related to the direct and primary indirect effects of the measure across its life cycle, given its nature, and as such is considered compliant with DNSH for the relevant objective	the protection, dissemination and sharing of intangible assets (and -as res	Is the measure expected to lead to significant GHG emissions?		
2. Climate change adaptation	A. The measure has no or an insignificant foreseeable impact on the environmental objective related to the direct and primary indirect effects of the measure across its life cycle, given its nature, and as such is considered compliant with DNSH for the relevant objective	No future climate-related risks are envisageable and no influence from the IP reform measures is conceivable with reference to sea level rising, drought and air temperature.	Is the measure expected to lead to an increased adverse impact of the current climate and the expected future climate, on the measure itself or on people, nature or assets?		
3. The sustainable use and protection of water and marine resources	A. The measure has no or an insignificant foreseeable impact on the environmental objective related to the direct and primary indirect effects of the measure across its life cycle, given its nature, and as such is considered compliant with DNSH for the relevant objective	ntal degradation connected to the protection of water quality from contamination and	Is the measure expected to be detrimental: (i) to the good status or the good ecological potential of bodies of water, including surface water and groundwater; or (ii) to the good environmental status of marine waters?		
4. The circular economy, including waste prevention and recycling	A. The measure has no or an insignificant foreseeable impact on the environmental objective related to the direct and primary indirect effects of the measure across its life cycle, given its nature, and as such is considered compliant with DNSH for the relevant objective	respect to this environmental objective is negligible as it does not affect the parameters	Is the measure expected to: (i) lead to a significant increase in the generation, incineration or disposal of waste, with the exception of the incineration of non-recyclable hazardous waste; or (ii) lead to significant inefficiencies in the direct or indirect use of any natural resource at any stage of its life cycle which are not minimised by adequate measures; or (iii) cause significant and long-term harm to the environment in respect to the circular economy (art. 27 of the Taxonomy)?		

<p>5. Pollution prevention and control to air, water or land</p>	<p>A. The measure has no or an insignificant foreseeable impact on the environmental objective related to the direct and primary indirect effects of the measure across its life cycle, given its nature, and as such is considered compliant with DNSH for the relevant objective</p>	<p>and services (and this may also have an indirect effect of replacing of industrial goods and</p>	<p>Is the measure expected to lead to a significant increase in the emissions of pollutants into air, water or land??</p>	
<p>6. The protection and restoration of biodiversity and ecosystems</p>	<p>A. The measure has no or an insignificant foreseeable impact on the environmental objective related to the direct and primary indirect effects of the measure across its life cycle, given its nature, and as such is considered compliant with DNSH for the relevant objective</p>	<p>The expected impact of the initiatives supported by the IP reform with respect to this environmental objective is negligible as it does not affect the parameters that characterize biodiversity and ecosystems, also in consideration of the direct and indirect effects over the entire life cycle.</p>	<p>Is the measure expected to be: (i) significantly detrimental to the good condition and resilience of ecosystems; or (ii) detrimental to the conservation status of habitats and species, including those of Union interest?</p>	

# DNSH assessment

Mission	4
Cluster	2
Related Measure (Reform or Investment)	3.1 Fund for the construction of an integrated system of research and innovation infrastructure
Responsibility for reporting and implementation	Albachiara Boffelli
Date	17/5/2021

Environmental objectives	Step 1		Step 2		
	Does the measure have no or an insignificant foreseeable impact on this objective or contribute to support this objective?	Justification if A, B or C has been selected	Questions	Yes/No	Substantive justification if NO has been selected
1. Climate change mitigation	D. No, the measure requires a substantive DNSH assessment.		Is the measure expected to lead to significant GHG emissions?	NO	<p>Research and innovation infrastructures must in themselves be demonstrators of sustainable resources (plants, laboratories, computing centers and archives), dedicated to advanced research and innovation for the study of new and further green solutions and for circular economy.</p> <p>The call criteria will include:</p> <ul style="list-style-type: none"> <li>- the international benchmarking of energy costs and CO<sub>2</sub> footprint for the proposed new (or existing) infrastructure: for large accelerator based RI's a reference will be the CERN environmental report based on an ambitious plan to reduce by 28% its CO<sub>2</sub> footprint by 2024 (adopting their best practices would ensure a reduced impact on the environment); for data infrastructures best practices suggested by scientific literature (e.g. Nature 561, pp. 163-166 (2018)) will be used as a reference</li> <li>- cost analysis, needed to assess the long-term sustainability of the infrastructure, extended to considering the whole life cycle of the infrastructure, i.e.: i) operating and access costs by users (transport vs. remote access), ii) energy cost of the solutions adopted for the management of data, archives (memories) and calculations necessary for the infrastructure scientific and technological users, iii) forecast of the dismantling costs at the end of life of the research infrastructure for the restoration of the territory to its initial conditions, impact of the dismantling costs on the multi-year economic plan. <b>Where financial support will be given, it will be required that DNSH guidance will be applied to avoid that RRF funds are used to finance environmentally harmful researches.</b></li> </ul> <p>With particular reference to this criterion, the exclusion list will include activities related to fossil fuels (including downstream use), except for natural gas based heat/power compliant with the conditions set out in the annex III of the DNSH guidance. With particular reference to this criterion, the exclusion list will be comprehensive of investments in facilities for the disposal of waste in landfill, in mechanical biological treatment (MBT) plants, and incinerators for the treatment of waste.</p> <p>Furthermore, all investments will be made in accordance with the DNSH principle, ensuring that no activity that is not sustainable, either now or in the long run, will be supported.</p>
2. Climate change adaptation	D. No, the measure requires a substantive DNSH assessment.		Is the measure expected to lead to an increased adverse impact of the current climate and the expected future climate, on the measure itself or on people, nature or assets?	NO	
3. The sustainable use and protection of water and marine resources	D. No, the measure requires a substantive DNSH assessment.		Is the measure expected to be detrimental: (i) to the good status or the good ecological potential of bodies of water, including surface water and groundwater; or (ii) to the good environmental status of marine waters?	NO	
4. The circular economy, including waste prevention and recycling	D. No, the measure requires a substantive DNSH assessment.		Is the measure expected to: (i) lead to a significant increase in the generation, incineration or disposal of waste, with the exception of the incineration of non-recyclable hazardous waste; or (ii) lead to significant inefficiencies in the direct or indirect use of any natural resource at any stage of its life cycle which are not minimised by adequate measures; or (iii) cause significant and long-term harm to the environment in respect to the circular economy (art. 27 of the Taxonomy)?	NO	
5. Pollution prevention and control to air, water or land	D. No, the measure requires a substantive DNSH assessment.		Is the measure expected to lead to a significant increase in the emissions of pollutants into air, water or land??	NO	
6. The protection and restoration of biodiversity and ecosystems	D. No, the measure requires a substantive DNSH assessment.		Is the measure expected to be: (i) significantly detrimental to the good condition and resilience of ecosystems; or (ii) detrimental to the conservation status of habitats and species, including those of Union interest?	NO	

# DNSH assessment

Mission	4
Cluster	2
Related Measure (Reform or Investment)	3.3 Introduction of innovative doctorates that respond to the needs of innovation and promote hiring of researchers by companies
Responsibility for reporting and implementation	Albachiara Boffelli
Date	31/03/2021

Environmental objectives	Step 1		Step 2		
	Does the measure have no or an insignificant foreseeable impact on this objective or contribute to support this objective?	Justification if A, B or C has been selected	Questions	Yes/No	Substantive justification if NO has been selected
1. Climate change mitigation	A. The measure has no or an insignificant foreseeable impact on the environmental objective related to the direct and primary indirect effects of the measure across its life cycle, given its nature, and as such is considered compliant with DNSH for the relevant objective	The investment will contribute to the intervention field 016 "Skills development for smart specialisation, industrial transition, entrepreneurship, and adaptability of enterprises to change". Being this mostly an initiative aimed at creating new high-skilled workers, as well as supporting their transition towards the industrial field, the measure has not any foreseeable impact on this environmental objective	Is the measure expected to lead to significant GHG emissions?		
2. Climate change adaptation	A. The measure has no or an insignificant foreseeable impact on the environmental objective related to the direct and primary indirect effects of the measure across its life cycle, given its nature, and as such is considered compliant with DNSH for the relevant objective	The investment will contribute to the intervention field 016 "Skills development for smart specialisation, industrial transition, entrepreneurship, and adaptability of enterprises to change". Being this mostly an initiative aimed at creating new high-skilled workers, as well as supporting their transition towards the industrial field, the measure has not any foreseeable impact on this environmental objective	Is the measure expected to lead to an increased adverse impact of the current climate and the expected future climate, on the measure itself or on people, nature or assets?		
3. The sustainable use and protection of water and marine resources	A. The measure has no or an insignificant foreseeable impact on the environmental objective related to the direct and primary indirect effects of the measure across its life cycle, given its nature, and as such is considered compliant with DNSH for the relevant objective	The investment will contribute to the intervention field 016 "Skills development for smart specialisation, industrial transition, entrepreneurship, and adaptability of enterprises to change". Being this mostly an initiative aimed at creating new high-skilled workers, as well as supporting their transition towards the industrial field, the measure has not any foreseeable impact on this environmental objective	Is the measure expected to be detrimental: (i) to the good status or the good ecological potential of bodies of water, including surface water and groundwater; or (ii) to the good environmental status of marine waters?		
4. The circular economy, including waste prevention and recycling	A. The measure has no or an insignificant foreseeable impact on the environmental objective related to the direct and primary indirect effects of the measure across its life cycle, given its nature, and as such is considered compliant with DNSH for the relevant objective	The investment will contribute to the intervention field 016 "Skills development for smart specialisation, industrial transition, entrepreneurship, and adaptability of enterprises to change". Being this mostly an initiative aimed at creating new high-skilled workers, as well as supporting their transition towards the industrial field, the measure has not any foreseeable impact on this environmental objective	Is the measure expected to: (i) lead to a significant increase in the generation, incineration or disposal of waste, with the exception of the incineration of non-recyclable hazardous waste; or (ii) lead to significant inefficiencies in the direct or indirect use of any natural resource at any stage of its life cycle which are not minimised by adequate measures; or (iii) cause significant and long-term harm to the environment in respect to the circular economy (art. 27 of the Taxonomy)?		
5. Pollution prevention and control to air, water or land	A. The measure has no or an insignificant foreseeable impact on the environmental objective related to the direct and primary indirect effects of the measure across its life cycle, given its nature, and as such is considered compliant with DNSH for the relevant objective	The investment will contribute to the intervention field 016 "Skills development for smart specialisation, industrial transition, entrepreneurship, and adaptability of enterprises to change". Being this mostly an initiative aimed at creating new high-skilled workers, as well as supporting their transition towards the industrial field, the measure has not any foreseeable impact on this environmental objective	Is the measure expected to lead to a significant increase in the emissions of pollutants into air, water or land??		
6. The protection and restoration of biodiversity and ecosystems	A. The measure has no or an insignificant foreseeable impact on the environmental objective related to the direct and primary indirect effects of the measure across its life cycle, given its nature, and as such is considered compliant with DNSH for the relevant objective	The investment will contribute to the intervention field 016 "Skills development for smart specialisation, industrial transition, entrepreneurship, and adaptability of enterprises to change". Being this mostly an initiative aimed at creating new high-skilled workers, as well as supporting their transition towards the industrial field, the measure has not any foreseeable impact on this environmental objective	Is the measure expected to be: (i) significantly detrimental to the good condition and resilience of ecosystems; or (ii) detrimental to the conservation status of habitats and species, including those of Union interest?		