



## Priloga 1 –

### Primeri utemeljitev v zvezi načelom, da se ne škoduje bistveno okoljskim ciljem Evropske unije (načelo DNSH)

Dokument je bil pripravljen s strani koordinatorjev IPCEI TECH4CURE in podaja primere utemeljitev za načelo DNSH. Primeri so vam lahko v pomoč pri izpolnjevanju razdelka DNSH v OBRAZCU 1 (točka 9). Pozor – primeri so vam pripravljeni samo v pomoč, v obrazcu pa utemeljite konkretno situacijo v zvezi z vašim projektom.

Besedilo je v angleškem jeziku, saj je tudi OBRAZEC 1 potrebno izpolniti v angleškem jeziku.

#### Climate change mitigation

The project is not expected to lead to any GHG emissions as the energy needed will be sourced from renewable sources (solar and wind). The project will use AI based solutions allowing for better energy efficiency than current models OR the process will be faster when diagnosing, reducing the time taken and reducing energy needs. The project consists of manufacturing of electrical and electronic equipment, we confirm the manufactured product contains refrigerants and confirm that it complies with the applicable GWP performance. The activity does not manufacture products containing Sulfur hexafluoride (SF6).

**OR**

The project will get its energy from the current public grid, which includes the use of fossil fuels. However, this project aims to improve the energy efficiency of the current process and thus aims to avoid XXg of Co2 per day, leading to a significant reduction in GHG emissions over its life cycle. This could lead to a XX% reduction of GHG emissions compared to the current process. The project consists of manufacturing of electrical and electronic equipment, we confirm the manufactured product contains refrigerants and confirm that it complies with the applicable GWP performance. The activity does not manufacture products containing Sulfur hexafluoride (SF6).

#### Climate change adaptation

The project is not in an area affected by any of these climate risks. Therefore, the project has no adverse effect on climate change adaptation.

**OR**

The project relates to a facility being constructed in proximity to a flood-prone area and the expected lifespan of the facility exceeds 10 years, a robust climate risk and vulnerability assessment has been performed, using high resolution, state-of-the-art climate projections across a range of future scenarios consistent with the expected lifetime of the facilities. The conclusions of the assessment have been incorporated in the design of the measure (see attached company document). Additionally, the measure specifies the obligation for the economic operators to develop a plan to implement adaptation solutions to reduce material physical climate risks to the facility (see attached company document). The obligation includes that adaptation solutions do not adversely affect the adaptation efforts or the level of resilience to physical climate risks of other people, of nature, of assets and of other economic activities and are consistent with local, sectoral, regional or national adaptation efforts.



### **Substantial contribution to the sustainable use and protection of water and marine resources**

The project will commit/is subject to an Environmental Impact Assessment (EIA) under EU and national rules and confirms that it will take any action necessary depending on the results of this EIA. The project is expected to consume less than xxx m<sup>3</sup> of water per year, having very little impact on the supply available in the region.

**OR**

An environmental impact assessment will not be carried out. We confirm that the project, located in XX, is not in a water scarcity area. The project confirms that it will consume XX m<sup>3</sup> of water per year, less than X% of the available water supply in the region, having very little impact on the resource. The water will be purified before it is released into the water bodies, ensuring that all harmful contaminants are removed. The purification will be carried out by a third party (please see letter of intent in attached company document). The company has a water use and protection management plan in place already, which will be extended for use within this project (please see a copy of this plan in attached company document.).

### **The transition to a circular economy, including waste prevention and recycling**

The project will be based on circular economy and recycling principles and rules. It will be implementing a recycling plan for the dismantling of the project after its life cycle. Components will be easily removable and labeled for identification to help in the dismantling process.

The project will commit to using the most durable components available and where not possible, those components can be refurbished easily.

The project will include a waste management plan that will prioritise recycling, including sending materials to recycling facilities that can repurpose these materials into new products.

Any materials that cannot be recycled will be minimized, where items can be reused this will be our primary objective. However, any materials that could be reused or repurposed will be sold to other industries who can use them, where possible. Please find a copy of our waste management plan, along with a commitment to reporting on the volume of materials recycled each year in the attached company document.

**OR**

Using components of high durability and recyclability and that are easy to dismantle and refurbish is not feasible within this project as the research centre being used belongs to XX (for example, a university) and the facilities already exist. However, the project will ensure that any products it uses within this facility will be recycled, where possible and that a waste management plan, outlined by the university will be followed (see attached company document).

### **Pollution prevention and control**

The project confirms that it does not include any harmful substances mentioned in the DNSH template, **including those specific to the manufacturing of electric and electronic equipment/ IT/OT data driven solution (if applicable).**

### **The protection and restoration of biodiversity and ecosystems**

The project will be subject to an appropriate assessment where the protection of biodiversity and ecosystems will be ensured, this will also include, the identification and implementation of mitigating measures, where applicable.



**OR**

The project will not conduct an appropriate assessment; however, we confirm that the project is not within a protected natural area. However, during the course of the project, should any issues be identified, mitigating measures will be implemented.