

LC-GD-5-1-2020: Green airports and ports as multimodal hubs for sustainable and smart mobility

Area A: Green Airports

- Proposal should clearly indicate which area they are covering
- Building on best practices, as well as ongoing projects and planned initiatives
- Large scale, real-life **TRL (6 or above)** demonstration
- Addressing all of the four HEADINGS



1. Transport

- To cover a + b + c, mandatory
- Plus at least 3 of the aspects (out of 6)

2. Terminal

- To cover at least two of the aspects (out of 4)

3. Energy

- To cover at least two of the aspects (out of 4)

4. Cross-cutting

- To cover at least three of the aspects (out of 7)

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Area A: Green Airports

- Monitoring with a view to assessing the effectiveness of the deployable solutions
- Quantified assessment of the expected improvement in airport energy consumption, as well as in GHG and air quality
- WP for cooperation with other actions in the same area
- **EXPECTED IMPACT**

1 Lighthouse airport
3 Fellows (at most) airports (20% budget max)
Airports from different EU MS or AS
Multidisciplinary consortia
INCO is encouraged

100 Million EUR in total topic budget
Innovation action
Between 15 and 25 Million EUR per project (recomm.)
Duration of 48 to 60 months (recomm.)
Deadline: 26 Jan 2021

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Area B: Green Ports

ALCANCE: 5 de 8

1. **Energía:** suministro bajas emisiones, producción, almacenamiento, distribución. Alt. Fuels
2. Integración con cadena logística
3. Operaciones **logísticas eficientes**. Puerta a puerta (pax y carga).
4. **Actividades piloto y digitalización.** Soluciones satélite, vehículos limpios (EV, hidrógeno, etc), AV, etc Flujo dinámico embarcaciones, optimización rutas, etc
5. Desarrollo herramientas acceso **multimodal** a/desde puerto ciudad.
6. Evaluación **incentivos no tecnológicos**. Mecanismos de mercado, legales para implementación soluciones bajas emisiones a medio/corto plazo.
7. Desarrollo del gobierno **multi-actor**.
8. Master **Plan Puerto Verde**

IMPACTO: Todos

1. **Despliegue** alt.fuel, green hidrogeno, EV, suministro, almacenaje, calor, etc
2. **Producción, distribución energia y alt. Fuel**
3. **Multimodal hubs**
4. **Reducción** emisiones, aumento calidad aire, biodiversidad, economía circular, ruido.
5. Reducción emisiones en **ciudades**, mejora integración
6. Compromiso despliegue **EU-wide**
7. Impacto directo en el **EU Green Deal**

1 Lighthouse + 3 Fellows (20% max)
15 / 25 Million EUR (100 Million EUR)
48 / 60 meses
Plazo: 26 Jan 2021