ECS CONTRIBUTIONS TO THE GREEN DEAL

AUSTRIAN AND EUREKA POSITION AND PROGRAMMES TOWARDS A GREEN EUROPE

Michael Walch | Eureka
SUCCESS STORY: GREEN SKIN

• Fully automatic intelligent control system
  • Soil, plant, and environment sensors for microclimatic and ecological evaluation
  • Air and material sensors for certified monitoring of structural stability and building physical properties like heat flux
• Simulation tool to optimize plant selection and development (and safe maintenance cost)

EUREKA INSTRUMENTS

• New Eureka Cluster Model - Fast and flexible setup of thematic cross cluster calls including, e.g., the Eurogia cluster on Low-Carbon Energy Technologies
• High quality and high impact proposals in Eurostars consider improved forms of cooperation on Environmental Impact
• Global outreach of Eureka Network and Globalstars projects – Subject to Green Deal objectives based on national priorities

https://www.eurekanetwork.org/
**SOME EUREKA CLUSTER CONTRIBUTIONS TO THE GREEN DEAL**

Planned 2021 Eureka cross cluster thematic call on Technology Powered Green Transition

- **Bio Resources and environment** (No. 14 & 15, Biodiversity)
- **Greener & Smarter Mobility** (No. 7 & 9, Clean Energy & Infrastructure)
- **Smarter Cities, Housings & Constructions, Better materials** (No. 11 & 15 Clean Resources)
- **Carbon Free Energy Supply** (No. 11, Clean Energy & Climate Actions)
- **Sustainable Manufacturing** (No. 9, Industry)

The Eureka cluster dedicated to low-carbon energy technologies

- **Decarbonization**
  - Renewable energy & grid integration
  - Zero emission infrastructure, vehicles
- **Decentralization & Digitalization**
  - Micro- and smart grids
  - intelligent IoT and cybersecurity
- **Deregulation & Democratization**
  - Blockchain technologies
  - Virtual Power Plants

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SOME EUROCSTARS CONTRIBUTIONS TO THE GREEN DEAL

Based on the Eurostars-3 proposal

• Evaluation criteria to ensure high quality and high impact will include societal and environmental impact: The projects will explain and justify the societal and environmental impact delivered. The framework used will be the UN Sustainable Development Goals. [...]  
• The scope of the data collected will include information on the impact [...] including societal challenges and UN SDGs as well as European policy priorities around the Green Deal [...]

https://www.eurostars-eureka.eu/
SOME EUREKA NETWORK AND GLOBALSTARS CONTRIBUTIONS TO THE GREEN DEAL

Based on national priorities of Austria in the national evaluation of Eureka projects

- Environment: Measures that take into account various dimensions of sustainability based on relevant SDGs (environmental impact, climate protection, resource consumption and responsible consumption and production patterns, energy consumption, health; sustainable industry, clean mobility)

- Benefit for society

https://www.ffg.at/en/programme/general-programme
CONTRIBUTIONS TO THE GREEN DEAL IN AUSTRIA

In the data of the FFG we find a more pronounced distribution with focus on Mobility, Zero Pollution and Industry.

The strongest Green Deal focus in joint projects is with Croatia, Slovenia, Latvia; 60% of the in these cooperative projects with Austria are related to the Green Deal.

Universities, research institutions and numerous companies are involved in projects related to the Green Deal.

SUMMARY

Project level – Applicants can increasingly focus on including Green Deal objectives in project proposals as it increases their chances to receive funding statistically.

Instrument and call level – Agencies should be able to implement objective benefits for projects addressing the Green Deal as there is demand from companies and other organizations, society, and the SDGs.

Policy level – Sustainable development is a global challenge across all kinds of traditional borders. There is a chance to break down barriers and enable the previous points.