



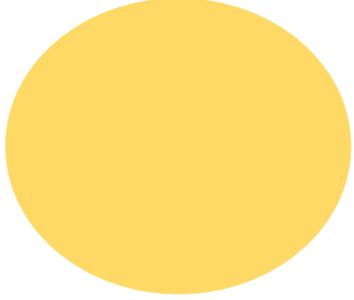
Ufuk2020 Programı Yeşil Mutabakat Çağrısı

Avrupa Araştırma Altyapıları

Serkan ÜÇER

14/07/2020

Research Infrastructures



Yenilikçi çözümler geliştirilerek;

A - Temiz enerji depolama teknikleri çalışmaları için altyapı servislerine erişim

B - Sera gazı emisyonu izleme ve hava kalitesi izleme altyapı servislerine erişim

-Bu konulardaki mevcut servis ve altyapıların güncellenmesi

-Sürdürülebilirliği sağlamak için yol haritası çalışmalarının yapılması.

- This action brings together several complementary and interdisciplinary **facilities** relevant for energy storage research and innovation, addressing different TRLs and covering the whole value chain in view of possible **industrial applications**.
- Proposals will also have to highlight how they contribute to attract **new talents and create expertise support new skills through training** addressing researchers and industrial users.

- The action should enhance greenhouse gases observation capacity of European research infrastructures, notably **anthropogenic CO₂ emissions, in and around cities and other large emissions sites such as industrial sites, transport infrastructures.**
- Pilot implementation in at least **one representative urban site**, showing the engagement of national/local authorities and demonstrating the ability to integrate complementary measurements systems and methods as well as data.

- Scientific and technical work to upgrade **air quality monitoring networks** ensuring measurement of maximum exposure to nanoparticles and efficient curation, preservation and provision of access to data.
- Pilot implementation in at least **two representative sites**, showing the engagement of national/local authorities and demonstrating the ability to integrate complementary measurements systems and methods as well as data.

Expected Impacts:



**greenhouse gases
observing, air
quality**

enable the development of **evidence-based sustainability strategies**, taking also account of impacts on **health**, through the **provision of interoperable data, tools/equipment and models** needed by the scientific community and public authorities/decision makers

RIs will foster the development of **new skills and a new generation of researchers** ready to optimally exploit the most advanced and essential instruments and resources for research and innovation addressing Green Deal challenges.

enable breakthrough research and **innovation in energy storage** across the whole value chain and in line with a life-cycle approach, in view of possible **industrial applications**, by providing access to their advanced, integrated and interdisciplinary research services.

support the development of a strong and competitive research and industrial **energy storage ecosystem addressing the different steps in the value chain, including advanced materials and modelling, chemistry, systems, advanced manufacturing, reuse and recycling, innovative business models**
allow users to benefit from integrated and efficient access to the best research infrastructures as well as from advanced services addressing specific needs.

**Energy
storage**



Teşekkürler

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