New European Bauhaus
beautiful | sustainable | together

Developing Digital solutions
to support
the New European Bauhaus

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Overview

- The **Digital decade strategy**, the Commission’s overall framework to shape its digital transition, is an important dimension of the NEB environment.

- The **Digital Europe Programme** (€ 7.6 billion) **filing the gap between the research of digital technologies and their deployment**.

- **Digital technologies and tools** can, and should, play an important role in the implementation of NEB initiatives. This is reflected in two implementing work programmes:
  - The main **Digital Europe Work programme**
  - The European **Digital Innovation Hub Work programme**
1. **Digital solutions in support of the New European Bauhaus initiative**
   - Call 1: CSA € 1 M – Nov 2021-February 2022

2. **Mobilising European Digital Innovation Hubs**
   - Call 1: EDIH network € 241 M – Nov 2021-February 2022
   - Call 2: Digital Transformation Accelerator € 4 M – February 2022
   - Call 2: EDIH € 80 M – February 2022

3. **Leveraging smart communities initiatives**
   - Call 1: CSA Living-in.eu € 1 M – Nov 2021-February 2022
   - Call 1: CSA data space smart communities € 2 M – Nov 2021-Feb 2022
   - Call 2: deployment data space smart com. € 18 M —February 2022
   - Call 2: Procurement EU local digital twin toolbox € 34 M – February 2022

4. **AI-testing and experimentation facilities (TEF)**
   - Call 2: Call for proposals TEF for health € 30 M – February 2022
   - Call for proposals TEF for smart cities and communities € 30 M – February 2022

5. **Digital, NEB and culture**
   - Call 2: Call for tender data space for cultural heritage € 15 M – before February 2022
DIGITAL-2021-DEPLOY-01-BAUHAUS  Digital solutions in support of the NEB

Coordination and Support Action of €1m over two years (1st call)

- Digital technologies are central for designing and building greener and more inclusive living spaces
- The initiative will seek to
  - identify digital solutions that could contribute to the implementation of the New European Bauhaus objectives
  - Bring together the digital and NEB communities and raise awareness on digital potential for NEB
  - Establish links with European digital initiatives

Scope
Digital solutions in support of the New European Bauhaus initiative

- **Create an active network**, engage and facilitate cooperation between transdisciplinary NEB stakeholders through events, network building and development.

- **Map and showcase existing digital solutions, projects and tools**, in particular those funded through EU Programmes.

- **Produce capacity building material** to support the uptake of identified best practice uses of digital technologies for the NEB.

- **Issue recommendations and roadmap** to address current gaps or issues that prevent the development of digital solutions for NEB.

• Collective and representative groups of designers, architects, urban planners, artists and cultural practitioners, industry (including the construction and assisted living sectors), SMEs;

• Members of the European digital ecosystems including EDIH, startups, S+T+ARTS community, academics, venture capital; research and development organisations, living labs, innovators in the area of healthy ageing;

• Collective and representative groups of mayors and cities, at European, regional and national level, including those with a sectoral focus in digital and the environment with relevant expertise;

• Civil Society Organisations with experience in citizen engagement and upskilling, in particular in areas relating to digital and environmental transformation and inclusiveness.
DIGITAL-2021-DEPLOY-01-LIVING-EU - Governance of the Living-in.eu community

Coordination and Support Action of €2m over four years (1st call)

- The Living-in.eu movement and ‘Join, Boost, Sustain’ 2019 declaration, by cities, for cities, embracing the twin transition (green & digital)
- Seek acceleration of digitalization of smart communities with digital solutions compatible with EU values and principles
- Putting citizens at the heart (as an actor, not only a subject of policy) for livable and resilient cities
- Scale up the digital transformation and use of data through use shared standards and technical specifications (MIMs Plus)

- Main objective is to strengthen an active and growing *Living-in.eu community*
  - **Aim at growing membership of cities and also (digital) companies,**
  - **Supporting co-creation work,** increase number of interoperable platforms, support engagement of the cities, engage on pilot projects
  - **Seek an increased uptake of cross-domain interoperable digital solutions,** including local data platforms, and AI-powered local digital twins across EU cities and communities for improved service delivery and to address societal challenges, in particular the objectives of the European Green Deal objectives and the Zero Pollution Action Plan.
  - Facilitate dialogue among smart cities and communities actors
  - Close collaboration with EU initiatives such as the **New European Bauhaus,** the Mission on Climate Neutral and Smart Cities and Mission on Adaptation to Climate Change
Target audience

- **Collective and representative groups of mayors and cities**, at European, regional and national level, including those with a sectoral focus in digital and the environment;

- **Public and private organisations active in the area of the digital transformation of cities** and communities with relevant expertise;

- **Research and development organisations** active in the area of technology solutions addressing societal challenges and their adoption in cities and communities;

- **Civil Society Organisations with experience in citizen engagement and upskilling**, in particular in areas relating to digital and environmental transformation.
Common framework for connection of local data ecosystems, €2m, 18 months (1st call)

- Cities need increasing quantities of high quality data (real time, static, historic) from both public and private entities for use for integrated urban planning, improved mobility and energy efficiency, and to tackle pollution, using digital tools such as IoT, and AI-powered local digital twins.

- The smart communities data spaces will be a secured interoperable, IT environment for data sharing with established rules on access to and processing of the data, linked to the European Green Deal data space.

- This call is a preparatory action aiming at bringing existing local data ecosystems and stakeholders together to develop principles for sharing data.

Context
• A sustainable multi-stakeholder data governance scheme for the smart communities’ data space

• A blueprint that connects existing local data ecosystems and enables to develop cross-sector, cross-community, data services, including AI-enabled data services level-up priority data sets.

• A roadmap towards a pan-EU smart communities’ data space interconnected with the Green Deal data space, including technical specifications for interoperability based the European Data Spaces Technical Framework

• Future DIGITAL calls will test the data space through 10-12 pilots (Call € 18 M Feb 2022), working also with the AI Testing and Experimentation Facility for smart communities.
Target audience

- **Private and public organisations** with relevant experience in smart and sustainable cities’ solutions

- **Data organisations** (such as data brokers, data stewards, data integrators) participating in data interoperability activities, as well as public and private users from cities and communities.

- **Other stakeholders** could include representatives from the public sector, industry, academia, standards organisations, civil society and citizens.
Described in details in the different calls

• Legal entities (public or private bodies)
• Country of origin - EU 27, EEA and associated countries
• CSA BAUHAUS, a consortium of at least three applicants (beneficiaries; not affiliated entities) with minimum three entities from three different eligible countries
• LIVING-in.EU a consortium of at least three applicants (beneficiaries; not affiliated entities)
• Data space
  • Security restrictions
  • a consortium of at least 3 applicants (beneficiaries; not affiliated entities) minimum 3 independent entities from 3 different eligible countries
• DEP first call timing:
  • opened on 17 November 2021
  • running until 22 February 2022;
  • evaluation: 14 March to 29 April 2022
  • Information on evaluation results: End of May 2022
  • GA signature: September 2022
More info & contact details

https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/programmes/digital
Thank you!