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SUSTAINABLE DIGITAL INNOVATION

digital4planet.org





WHO WE ARE

Digital for Planet (D4P) is a **non-profit organisation** based in **Zurich, Switzerland**. We are supporting the development and adoption of **sustainable digital technologies** and solutions for an **equitable and sustainable development of European economy and society**

< **TOGETHER, WE CAN MAKE A DIFFERENCE** />

MISSION

D4P mission is to foster environmental protection and regeneration while advancing equitable progress through sustainable and ethical digital technologies

VISION

D4P vision is a world where sustainable and ethical digital technologies empower humanity to protect and regenerate the environment, while driving sustainable societal and economic progress for all

OBJECTIVES



Advance Research and Knowledge

Develop and disseminate research on digital sustainability, exploring the complex relationships between technology, environment, and social progress



Accelerate Innovative Solutions

Support and catalyse the development of ethical digital technologies that address environmental and social challenges through targeted programs and resources



Influence Policy and Advocacy

Engage with policymakers and stakeholders to promote and develop guidelines for sustainable and ethical digital transformation



Build Awareness and Capacity

Design information campaigns to enhance understanding of digital sustainability and build skills and mobilise resources towards responsible digital innovation



Foster Collaborative Ecosystems

Create and strengthen a large network of diverse stakeholders to enable cross-sector collaboration and knowledge sharing in sustainable digital technologies

AREA OF EXPERTISE



**Digital
Sustainability**

**Sustainable
Energy
Transition**

**Climate-
neutral
Sustainable
Smart Cities**

**Sustainable
Agriculture**

**Green Cloud-
Edge-IoT
Computing**

Responsible AI

**Sustainable
Communication
Networks**

TEAM



Dr Daniel Onwude
Senior Digital
Sustainability Expert



Dr Anna Aseeva
Sustainability
Specialist



Flavia a Maragno
Sustainability and
Communication



Dr Valentina Margaria
Senior Project
Manager



Dr Cristina Pereira
Director



Rafael Rodrigues
Technical Project
Manager



Dimitrios Christodoulou
Software Engineer



Anita Gojanovic
Community Building
and Communication



Christos Tselebis
Senior Web & Visual
Designer



Matilde Voltolini
Visual & Web Designer



Julija Aleksovska
Visual & Web Designer



Olivia Ciubotariu
Communication
and Dissemination



Sophie Staheyeff
Communication
and Dissemination

BOARD AND STRATEGY



Dr Monique Calisti
Founder and President
Martel CEO



Dr Giovanni Rimassa
Founder and Vice President
Martel CIO



Kedar Patil
Treasurer
Martel CFO



**D4P Founding
Member**

- **SME with almost 30 years of experience in EU Funding**
- **Currently > 49 R&I and CSA Horizon Europe Projects | >52 MEUR**
- **20-30% Proposals Success Rate**

THE 4 Roles:

- **Dissemination & Communication**

WP Leader DISCO (Website, SM)

Community Building & Synergies

Citizens & Stakeholders Engagement

- **Coordination**

PMO (Project Management Office)

Data Management Plan

Open Calls WP Leader

Pilot coordination

- **Policy, Legal, Ethics (resp. Dr Anna Aseeva,**

Department within the organisation: Consulting)

Policy Monitoring & Recommendations

Regulatory Barriers Analysis

Broader **SSH** analysis

- **Technology provider (resp. Rafael Rodrigues,**

Department within the organisation: Lab)

Citizen-centric data platforms **Smart City** Platform
(Orchestra Cities)

Green digital tech for **energy efficiency** and circular
economy models

Digital twins for urban planning, management, and real-
time monitoring

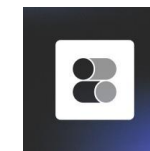
OUR HORIZON EUROPE PROJECT PORTFOLIO



Area: Green Deal/Green Data
Aim: Empower citizens to join forces with public authorities in protecting the environment



Area: Green Deal / AI
Aim: Robotics/AI to advancing Green Deal principles in smart tech for the construction sector



CERTAIN

Area: Artificial Intelligence
Aim: support certification for Ethical and Regulatory Transparency in AI



Area: Smart IoT Platforms
Aim: collaborative platform for emerging IoT and Edge environments

CSA



Area: 6G/ EU society
Aim: address the tension between parallel needs in terms of 6G technological development



Area: IoT, Cloud-Edge
Aim: Sustainable and resilient Cloud-Edge-IoT ecosystem, for a smoother transition towards a cleaner energy future.

OUR HORIZON EUROPE PROJECT PORTFOLIO



Area: 6G SNS

Aim: fully integrate Non-Terrestrial Networks component into 6G

CSA



Area: EU-Indo-Pacific cooperation

Aim: support the implementation of the Digital Partnerships in the Indo-Pacific area



Area: Computing Continuum

Aim: integrated software toolbox for secure IoT-to-Cloud computing



Area: Computing Continuum

Aim: Increased Path Agility and Trustworthy Device and Service Provisioning (Trust in CC)



Area: Robotics & AI

Aim: develop a smart cooperative multi-robotic system for Industry 5.0 manufacturing



Area: eXtended Reality

Aim: build Europe's first multisite interconnected platform for real-time immersive telepresence

+2 new projects starting in 2025, including BLOSSOM a RI action funded under the EU Mission Adaptation to Climate Change

ALLIANCES & PARTNERSHIPS



OUR CONTRIBUTION IN HE Projects

- DISCO
- DMP
- EXPLOITATION
- IMPACT
- OPEN CALL
- PMO
- POLICY/LEGAL
- SYNERGIES
- TECH

Number of projects:
-> **14 (12+2)**

Total Funding (SERI):
-> **≈6.5M**

Total Person Months:
-> **568 PMs**

Proposals waiting review:
-> **≈20 Proposals**

Funding waiting review:
-> **≈7.4M**

Person Months waiting review:
-> **≈500 PMs**

- **D1. Climate sciences and responses for the transformation towards climate neutrality**
- **D2. Cross-sectoral solutions for the climate transition**
- **D3. Sustainable, secure and competitive energy supply**
- **D5. Clean and competitive solutions for all transport modes**
- **D6 . Safe, Resilient Transport and Smart Mobility services for passengers and goods**

THE CL5 Topics of interest – examples:

- **D3-17 IA 20M 2Proj TRL 6-8:**
Control and operation tools for a RES-based energy system. (2 TSO – 4DSO – BRIDGE)
- **D3-04 RIA 12M 3Proj TRL 4-5:**
Development of hydropower technologies and water management schemes allowing for win-win situation of flexible hydropower and biodiversity improvement – Societal Readiness Pilot
- **D5-01 IA 20M 2Proj TRL 7-8:**
wireless stationary bidirectional charging solutions for road Light Duty Vehicles (2ZERO Partnership) Societal Readiness Pilot
- **D6-01 RIA 12M 2Proj TRL 5:**
Advancing remote operations to enable the sustainable and smart mobility of people and goods based on operational and societal needs (CCAM Partnership) – Societal Readiness Pilot

Initial Screening CL5

Destination 1. Climate sciences and responses for the transformation towards climate neutrality

HORIZON-CL5-2025-06-D1-02: Advancing Earth System Models to increase understanding of Earth system change

HORIZON-CL5-2025-06-D1-04: The attribution to climate change, and improved forecasting of extreme and slow-onset climate- and weather-related events and their impacts

HORIZON-CL5-2025-05-Two-Stage-D1-05: Adaptation to Climate Change: Effectiveness and Limits

HORIZON-CL5-2025-06-D1-07: Implementing the climate action pillar of the EU-African Union Partnership on Climate Change and Sustainable Energy

Destination 2. Cross-sectoral solutions for the climate transition

HORIZON-CL5-2025-04-D2-10: Clean Energy Transition Co-Funded Partnership

HORIZON-CL5-2025-04-D2-11: Support to the SET Plan community

HORIZON-CL5-2025-04-D2-13: Coordinated call with India on waste to renewable hydrogen

Destination 3. Sustainable, secure and competitive energy supply

HORIZON-CL5-2025-02-D3-04: Development of hydropower technologies and water management schemes allowing for win-win situation of flexible hydropower and biodiversity improvement – Societal Readiness Pilot

HORIZON-CL5-2025-02-D3-15: Building a Long-Term Africa Union (AU) and European Union (EU) Research and Innovation joint collaboration on Sustainable Renewable Energies

HORIZON-CL5-2025-02-D3-16: Support to the BRIDGE initiative

HORIZON-CL5-2025-02-D3-17: Control and operation tools for a RES-based energy system

Destination 4. Efficient, sustainable and inclusive energy use (Call 2026)

Destination 4. Efficient, sustainable and inclusive energy use (Call 2026)

Destination 5. Clean and competitive solutions for all transport modes

HORIZON-CL5-2025-04-D5-01: Efficient wireless stationary bidirectional charging solutions for road Light Duty Vehicles (2ZERO Partnership) – Societal Readiness Pilot

HORIZON-CL5-2025-04-D5-02: Cybersecure and resilient road e-mobility ecosystem (2ZERO Partnership)

HORIZON-CL5-2025-04-D5-04: Extended lifetime of road Battery Electric Vehicles (BEV) (2ZERO Partnership)

HORIZON-CL5-2025-04-D5-05: Road Battery Electric Vehicles (BEV) optimised user-centric solutions for energy efficiency design and consistent range throughout weather conditions (2ZERO Partnership)

HORIZON-CL5-2025-04-D5-06: Strategies, tools and concepts for optimised road Battery Electric Vehicles (BEV) long-haul logistics use cases (2ZERO Partnership)

HORIZON-CL5-2025-04-D5-13: Novel holistic intelligent tools for variable retrofit and decarbonised scenarios (ZEWT Partnership)

HORIZON-CL5-2025-04-D5-16: Support of the new EU renewable and low carbon fuel ecosystem for waterborne transport

HORIZON-CL5-2025-04-D5-19: Knowledge sharing and dissemination to support road transport R&I in EU and around the world increasing global EU competitiveness

Destination 6. Safe, Resilient Transport and Smart Mobility services for passengers and goods

HORIZON-CL5-2025-04-D6-11: Innovative air mobility and services for sustainable and smart urban, peri-urban transport – Societal Readiness pilot

Societal Readiness Pilot

HORIZON-CL5-2025-06-D1-06: Fostering equity and justice in climate policies – Societal Readiness Pilot

HORIZON-CL5-2025-04-D5-01: Efficient wireless stationary bidirectional charging solutions for road Light Duty Vehicles (2ZERO Partnership) – Societal Readiness Pilot

HORIZON-CL5-2025-04-D6-01: Advancing remote operations to enable the sustainable and smart mobility of people and goods based on operational and societal needs (CCAM Partnership) – Societal Readiness Pilot

HORIZON-CL5-2025-04-D6-12: Safe Human-Technology Interaction (HTI) in the vehicle systems of the coming decade – Societal Readiness Pilot



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