Horizon Europe Brokerage Event Cluster 6 Calls 2025
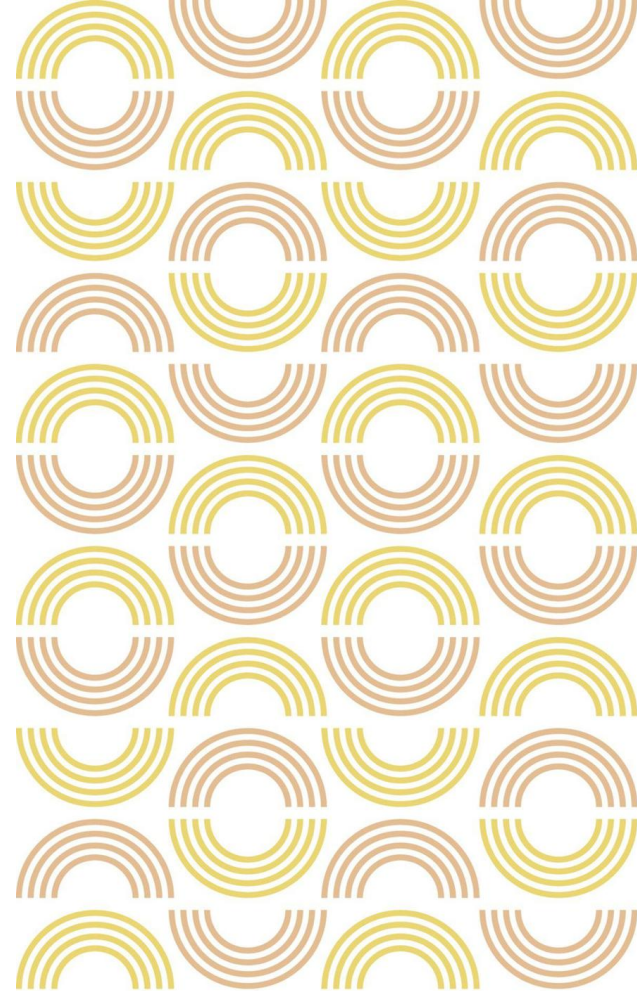
Warsaw, 27 May 2025

Daniel Onwude

Digital for Planet (D4P), Switzerland

CARE 4BIO

DIGITAL FOR PLANET

WHO WE ARE

D4P is a non-profit organisation supporting the development and adoption of sustainable digital technologies and solutions for an equitable and sustainable development of our 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

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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
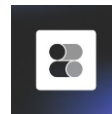
Responsible AI

Sustainable Communication Networks

OUR HORIZON EUROPE PROJECT PORTFOLIO

ENFORCE

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

AMALTEA

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

COQPILOT

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

CSA

6G4SOCIETY

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

O-CEI

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

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6GNTN

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

CSA

INPACE
Indo-Pacific-European Hub for Digital Partnerships

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

INTACT

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

CASTOR
Building Trust in the Computing Continuum

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

COROB

Area: Robotics & AI
Aim: develop a smart cooperative multi-robotic system for Industry 5.0 manufacturing

SPIRIT

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

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- 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

Fair, healthy and environmentally friendly food systems from primary production to consumption topics:

- HORIZON-CL6-2025-02-FARM2FORK-09: Innovating for on-farm post-harvest operations, storage and transformation of crops into food and non-food products

- HORIZON-CL6-2025-02- FARM2FORK-10: Exploring the potential of controlled environment agriculture (CEA)

- HORIZON-CL6-2025-02- FARM2FORK-16: Making food systems more resilient to food safety risks through the deployment of technological solutions

- HORIZON-CL6-2025-02-FARM2FORK-17: Research and innovation for food waste prevention and reduction at household level through measurement, monitoring and new technologies.

- HORIZON-CL6-2025-02- FARM2FORK-19: Developing agroecology living labs and lighthouses under the Food and Nutrition Security and Sustainable Agriculture (FNSSA) partnership

Biodiversity and ecosystem services:

- HORIZON-CL6-2025-01-BIODIV-05: Assessing and modelling ecosystems' dynamic processes to guide restoration activities and to improve models used for climate

- HORIZON-CL6-2025-01-BIODIV-06: Assessing and modelling socio-economic impacts of nature restoration

- HORIZON-CL6-2025-01-BIODIV-10: Understanding the perceptions of and improving communication on the biodiversity crisis and nature restoration benefits to sustain citizen engagement and democratic governance

<u>Circular economy and bioeconomy sectors</u>:

- HORIZON-CL6-2025-01-CIRCBIO-03: Product Environmental Footprint (PEF) of policy and market- relevant product groups

- HORIZON-CL6-2025-01-CIRCBIO-07: Indicators for the transition to sustainable and circular economy

- HORIZON-CL6-2025-01-CIRCBIO-10: Unleashing the potential and advancing the impact of the digitalization/AI of the bio- based value chains

Land, ocean and water for climate action:

- HORIZON-CL6-2025-02-CLIMATE-04: Monitoring, reporting, verification and mitigation of non-CO2 greenhouse gas emissions and related air pollutants from agriculture

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THE 5 Roles:

Innovation Management, Impact, IPR and Exploitation: We already lead this task in several related EU projects.

Technical Support or Task Lead: With expertise in physics-driven and AI digital twins and hygrothermal sensing, we can enhance food supply chain models, integrate AI for food loss reduction and nutrition, and develop dynamic LCA tools for real-time sustainability insights.

Coordination: D4P brings several years of coordination experience and can support the PC as PMO, lead work packages (e.g., Open Calls), manage DMPs, and coordinate pilots.

Policy, Legal & Ethics: Our in-house policy team offers expertise in regulatory analysis, SSH, and policy feedback.

Dissemination & Communication: In partnership with Martel, D4P can lead or support communication WPs, including community building, ecosystem mapping, and citizen/stakeholder engagement.

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