

INTERNAL DOCUMENT

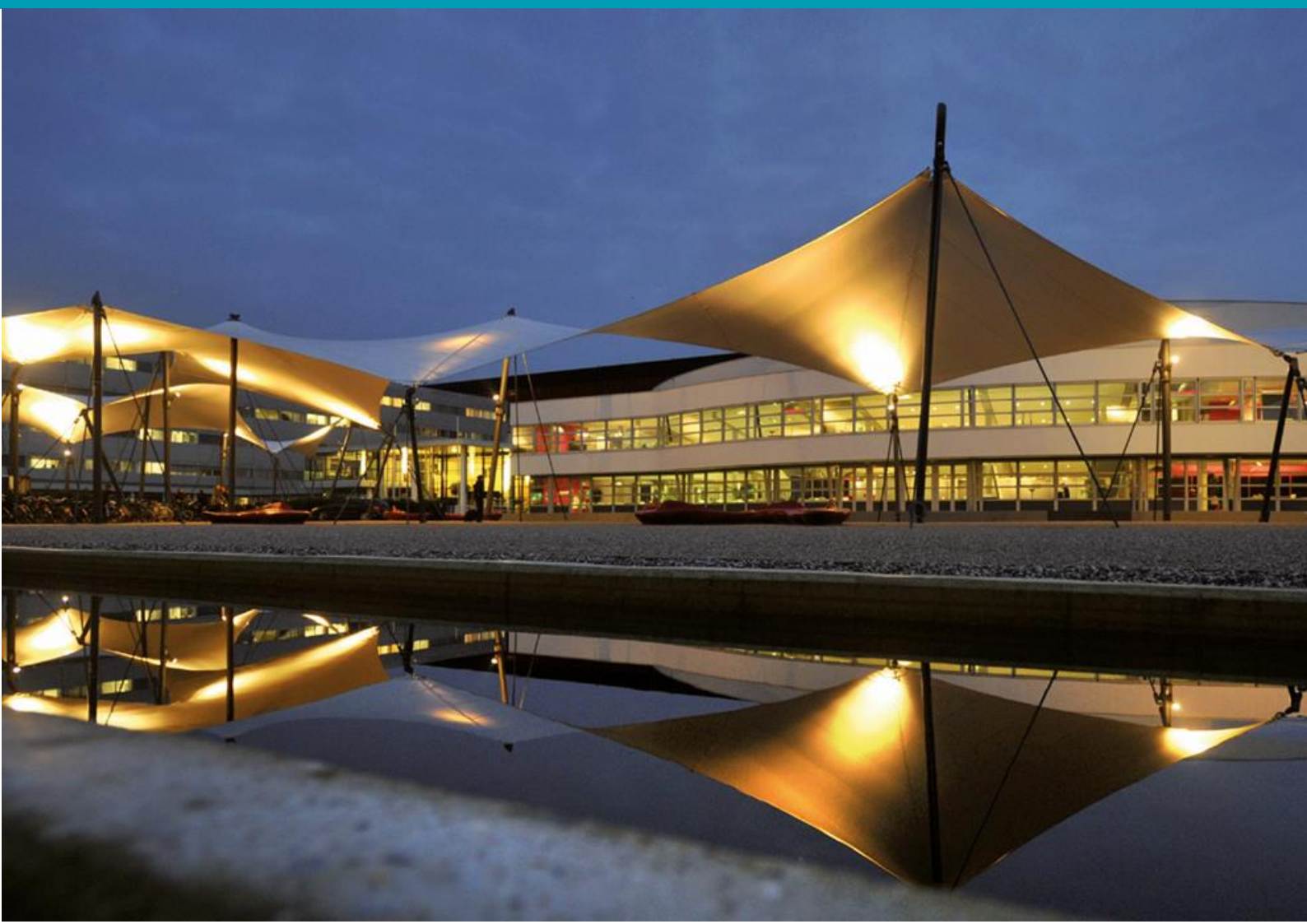
OVERVIEW OF CALLS AND SCHEMES (NATIONAL AND INTERNATIONAL) IN THE FIELD OF CITIZEN SCIENCE

PREPARED FOR THE SHAPING EXPERT GROUP
CITIZEN SCIENCE

A. GUARISE, M. VAN DEN BERG, A. ZOMER

NOV 2022

UNIVERSITY OF TWENTE.



COLOPHON

MANAGEMENT

SBD

Internal document

DATE

Nov 2022

REFERENCE

Reference

VERSION

1

STATUS

Status

PROJECT

Project

PROJECT NUMBER

Project number

AUTHOR(S)

Author(s)

TELEPHONE

Telephone

EMAIL

Email

POSTAL ADDRESS

P.O. Box 217

7500 AE Enschede

WEBSITE

www.utwente.nl

FREE HEADER

Free field

FILENAME

Document1

REGISTRATION DETAILS

Registration details

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PREFACE

The document has been drafted from SBD-Grants Office upon the request received from the Shaping Expert Group Citizen Science (Sabine Wildevuur) to have an overview of calls and opportunities related to the subject both at national/Dutch and international/European level. The scouting on funding opportunities on Citizen Science fields, plus a short description of each call, is reported in the following pages, divided per geographical area.

The Dutch funding landscape has been investigated from Mariska van den Berg and Arend Zomer. The European funding landscape has been analysed from Andrea Guarise. The Shaping Expert Group and UT colleagues working on Citizen Science topics can refer directly to them for further details.

It is worth observing in the introduction that both in the national and in the European funding landscape is difficult to find such calls that ask exactly to do research on Citizen Science as a scientific theme *per se*. What the funders ask more often is or (i) to have more Social Science and Humanities (SSH) in the proposal scientific approach (include social scientists and not only tech people), which is a general request for almost all fields and topics, or (ii) the call foresees to collect input and opinion from the users, or more applicative results to achieve, with testing of solution(s) for example, where the request to have citizens (taking the role of end users) is not only a positive additional feature, but a sort of inner requirement for the proposal success.

The overview reported in the following pages comprise such approach, so including calls or instruments where this “push” to consider/involve citizen is more evident.

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NATIONAL LANDSCAPE

NWO

In general it is always possible include Citizen Science activities in consortium grants of NWO, but this is hardly ever the focus.

Eventually if researchers want to dive into fundamental research questions of CS, the NWO Open Competition could be an option. This is available within the [Science](#) and [SSH](#) domains.

NWA ORC

The programme within NWO aims to encourage research projects set up and carried out by interdisciplinary consortia that include representatives from the full breadth of the knowledge chain as well as relevant societal (public and/or private) partners, including citizens.

The research shall address so called wicked problems, focused on the portfolio of 25 routes and the 140 corresponding cluster questions in the NWA.

More details at this [link](#).

ZONMW

The funding schemes of ZonMw are divided in 14 themes, that all closely follow the interest of the Ministry of Health, wellbeing and sports (Ministerie van Volksgezondheid, Welzijn en Sport/VWS). As a result the call topics within the themes can vary a lot over the years, but almost always follow the developments of the needs and focus of the Ministry.

ZonMw has some recurring calls, which are relevant for and applied for by TechMed researchers, including:

- ZonMw Off Road and Open Competition, which are the equivalent of NWO's Open Competition
- Doelmatigheidsonderzoek, opportunities for pilot studies/trials for clinical trials

CLICK.NL

This source was mentioned from Sabine Wildewuur, part of the Shaping Expert Group Citizen Science, and it represents both a funder with focus on the creative sector, and a portal showing funding opportunities available also from other external funding organizations, so a platform fostering the creative sector in the Netherlands, and also offering a few funding instruments.

In the offering also a [TKI scheme](#) and the [city deal from NWO](#) are mentioned, maybe relevant for the analysis.

HEALTH FUNDS

Under this umbrella there is not one single funder, organization or specific call, but several institutions including KWF, Diabetesfonds, Hartstichting, Nierstichting, Hersenstichting, Longfonds. All Dutch health funds tend to prepare calls where they strongly encourage patient participation in every project as much as possible, so Citizen Science will be welcomed there as well.

Some of the funding schemes are:

- Cancer: [KWF](#)
- Rheuma/movement disorders: [ReumaNL](#)

- Diabetes: [Diabetesfonds](#)
- Cardio and endovascular diseases: [Hartstichting](#), [Trombosestichting](#)
- Kidney diseases: [Nierstichting](#)
- Lung diseases: [Longfonds](#)
- Intestinal diseases: [Maag lever darmstichting](#)
- Alzheimer's disease: [Alzheimer Nederland](#)

INTERNATIONAL LANDSCAPE

HORIZON EUROPE (HEU)

Below we summarise the list of topics found in the draft Horizon Europe Work Programmes in Pillar 2 for the period 2023-24 mentioning “citizens”, “citizen science”, “citizen engagement”, “multi-disciplinarity” or Social Sciences and Humanities (“SSH”). The analysis has been done Cluster by Cluster. Given that the documents are still in draft version and especially given the number of items found, only the topic titles are enumerated, which still give a precise indication of the call focus. The final WP versions shall be released by the end of this year, but the information are based on the last draft versions which shall represent a consolidated Work Programme version. Nevertheless, changes may still occur.

After Pillar 2 Clusters overview, other programmes potentially interesting for Citizen Science activities are reported.

All available Work Programmes – both draft and final – are stored and available on the Teams *SBD-Grants Office Support HUB* (see also appendices with direct link to the files).

Cluster 1 (Health)

- HORIZON-HLTH-2023-STAYHLTH-1.01: The Silver Deal - Person-centred health and care throughout the EU
- HORIZON-HLTH-2023-STAYHLTH-1.02: Towards a holistic support to children and adolescents’ health in an increasingly digital society

Cluster 2 (Culture, Creativity and Inclusive Society)

- Whole Destination “Innovative research on democracy and governance” aims directly at citizen engagement
 - o HORIZON-CL2-2023-DEMOCRACY-01-04: The emotional politics of democracies
 - o HORIZON-CL2-2024-DEMOCRACY-01-05: The climate imperative and its impact on democratic governance
 - o HORIZON-CL2-2023-DEMOCRACY-01-07: Intersectionality and equality in deliberative and participatory democratic spaces
- HORIZON-CL2-2024-DEMOCRACY-01-05: Gender-roles in extremist movements and their impact on democracy
- HORIZON-CL2-2024-DEMOCRACY-01-07: Digital democracy
- HORIZON-CL2-2024-DEMOCRACY-01-08: Culture, the arts and cultural spaces for democratic participation and political expression, online and offline
- HORIZON-CL2-2024-DEMOCRACY-01-09: The role and functioning of public administrations in democratic systems
- HORIZON-CL2-2024-DEMOCRACY-01-11: Future scenarios and young visions for European democracy 2040
- HORIZON-CL2-2024-DEMOCRACY-01-12: Testing and implementation of research results fostering democracy and governance

- HORIZON-CL2-2023-HERITAGE-01-05: Cultural heritage in transformation – facing change with confidence
- HORIZON-CL2-2024-HERITAGE-01-01: New European Bauhaus – Innovative solutions for greener and fairer ways of life through arts and culture, architecture and design for all
- HORIZON-CL2-2024-TRANSFORMATIONS-01-06: Beyond the horizon: A human friendly deployment of artificial intelligence and related technologies

Cluster 3 (Civil Security for Society)

- HORIZON-CL3-2024-FCT-01-04: Radicalisation and gender
- HORIZON-CL3-2023-DRS-01-04: Robotics: Autonomous or semi-autonomous UGV systems to supplement skills for use in hazardous environments

Cluster 4 (Digital, Industry and Space)

- HORIZON-CL4-2023-RESILIENCE-01-44: Affordable Housing District Demonstrator
- HORIZON-CL4-2023-HUMAN-01-04: Open innovation: Addressing Grand challenges in AI (AI Data and Robotics Partnership)
- HORIZON-CL4-2023-HUMAN-01-05: Through AI from Disinformation to Trust
- HORIZON-CL4-2023-HUMAN-01-33: Fostering knowledge valorisation through societal and cultural interactions
- HORIZON-CL4-2023-HUMAN-01-53: Localised and Urban Manufacturing, supporting creativity and the New European Bauhaus
- HORIZON-CL4-2023-HUMAN-01-81: Digital Humanism - Putting people at the centre of the digital transformation
- HORIZON-CL4-2024-HUMAN-01-06: Explainable and Robust AI (AI Data and Robotics Partnership)

Cluster 5 (Climate, energy and mobility)

- HORIZON-CL5-2023-D1-01-07: Modelling for local resilience - Developments in support of local adaptation assessments and plans
- HORIZON-CL5-2023-D1-01-09: Behavioural change and governance for systemic transformations towards climate resilience
- HORIZON-CL5-2023-D1-01-10: Improving the evidence base regarding the impact of sustainability and climate change education and related learning outcomes
- HORIZON-CL5-2023-D1-01-11: Needs-based adaptation to climate change in Africa
- HORIZON-CL5-2023-D3-01-01: Renewable Energy Valleys to increase energy independence while accelerating the green transition in Europe
- HORIZON-CL5-2023-D3-02-05: Advanced exploration technologies for geothermal resources in a wide range of geological settings
- HORIZON-CL5-2023-D3-03-04: Digital tools for enhancing the uptake of digital services in the energy market
- HORIZON-CL5-2023-D3-03-05: Creation of a standardised and open-source peer-to-peer energy sharing platform architecture for the energy sector
- HORIZON-CL5-2024-D3-01-16: Demonstration of innovative pumped storage equipment and tools in combination with innovative storage management systems
- HORIZON-CL5-2024-D3-02-06: Innovative, Community-Integrated PV systems

- HORIZON-CL5-2024-D3-02-08: Minimisation of environmental, and optimisation of socio-economic impacts in the deployment, operation and decommissioning of offshore wind farms
- HORIZON-CL5-2023-D4-01-03: Interoperable solutions for positive energy districts (PEDs), including a better integration of local renewables and local excess heat sources
- HORIZON-CL5-2024-D4-02-05: Digital solutions to foster participative design, planning and management of buildings, neighbourhoods and urban districts (Built4People Partnership)
- HORIZON-CL5-2023-D5-01-19: Advanced transport emissions monitoring networks
- HORIZON-CL5-2024-D6-01-09: Policies and governance shaping the future transport and mobility systems

Cluster 6 (Food, Bioeconomy, Natural Resources, Agriculture and Environment)

- HORIZON-CL6-2023-BIODIV: Impact of light and noise pollution on biodiversity
- HORIZON-CL6-2023-BIODIV: Interdisciplinary assessment of changes affecting terrestrial and freshwater ecosystems, building on observation programmes
- HORIZON-CL6-2024-BIODIV: Invasive alien species
- HORIZON-CL6-2023-BIODIV: Addressing biodiversity decline and promoting Nature-based Solutions in higher education
- HORIZON-CL6-2024-BIODIV: Demonstrating Nature-based Solutions for the sustainable management of water resources in a changing climate, with special attention to reducing the impacts of extreme droughts
- HORIZON-CL6-2024-BIODIV: Demonstrating the potential of Nature-based Solutions and the New European Bauhaus to contribute to sustainable, inclusive and resilient living spaces and communities
- HORIZON-CL6-2023-BIODIV: Biodiversity loss and enhancing ecosystem services in urban and peri-urban areas
- HORIZON-CL6-2024-BIODIV: Transformative action of policy mixes, governance and digitalisation addressing biodiversity loss
- HORIZON-CL6-2023-FARM2FORK: European partnership on sustainable food systems for people, planet and climate
- HORIZON-CL6-2024-FARM2FORK: Creating smart and attractive tools to enhance healthy and sustainable food provision, eating and treating of food at home
- HORIZON-CL6-2024-FARM2FORK: Citizens' science as an opportunity to foster the transition to sustainable food systems
- HORIZON-CL6-2023-CIRCBIO: Circular Cities and Regions Initiative (CCRI)'s circular systemic solutions
- HORIZON-CL6-2024-CIRCBIO: Systemic circular solutions for sustainable tourism
- HORIZON-CL6-2024-CIRCBIO: Increasing the circularity in plastics value chains
- HORIZON-CL6-2024-CIRCBIO: Increasing the circularity in electronics value chains
- HORIZON-CL6-2023-CIRCBIO: Harnessing the innovation potential and market uptake of successful circular economy water related projects
- HORIZON-CL6-2024-CIRCBIO: New circular solutions and decentralised approaches for water and wastewater management
- HORIZON-CL6-2024-CIRCBIO: Bioeconomy project development assistance
- HORIZON-CL6-2024-ZEROPOLLUTION: Demonstrating how regions can operate within safe ecological and regional nitrogen and phosphorus boundaries

- HORIZON-CL6-2023-ZEROPOLLUTION: Tackling human and climate change induced pollution in the Arctic - building resilient socio-ecological systems
- HORIZON-CL6-2023-ZEROPOLLUTION: Biosensors and user-friendly diagnostic tools for environmental services
- HORIZON-CL6-2023-ZEROPOLLUTION: Strategies to prevent and reduce plastic packaging pollution from the food system
- HORIZON-CL6-2023-CLIMATE: Improve the reliability and effectiveness of alternative water resources supply systems and technologies
- HORIZON-CL6-2023-COMMUNITIES: Enhancing social inclusion in rural areas: focus on people in a vulnerable situation and social economy
- HORIZON-CL6-2023-COMMUNITIES: International benchmarking of rural and territorial policies and delivery mechanisms
- HORIZON-CL6-2024-COMMUNITIES: Unlock the potential of the New European Bauhaus in urban food system transformation
- HORIZON-CL6-2023-COMMUNITIES: Inclusive and smart ways to communicate sustainability of food
- HORIZON-CL6-2024-COMMUNITIES: Innovating for climate-neutral rural communities by 2050
- HORIZON-CL6-2024-COMMUNITIES: New sustainable business and production models for farmers and rural communities
- HORIZON-CL6-2024-GOVERNANCE: European Partnership for a climate neutral, sustainable and productive Blue Economy (second instalment)
- HORIZON-CL6-2024-GOVERNANCE: Regional ecosystems of innovation to foster food system transformation
- HORIZON-CL6-2024-GOVERNANCE: The role of mainstream media, social media and marketing in fostering healthy and sustainable consumption patterns and how to encourage good practices
- HORIZON-CL6-2023-GOVERNANCE: Revitalisation of European local (rural/peri-urban) communities with innovative bio-based business models and social innovation
- HORIZON-CL6-2023-GOVERNANCE: Co-creation and trust-building measures for biotechnology and bio-based innovation systems
- HORIZON-CL6-2024-GOVERNANCE: Supporting the All-Atlantic Ocean Research and Innovation Alliance and Declaration
- HORIZON-CL6-2023-GOVERNANCE: Empowering citizens to monitor, report and act in partnership with relevant public authorities to protect their environment in the context of environmental compliance assurance
- HORIZON-CL6-2023-GOVERNANCE: Digital technologies supporting plant health early detection, territory surveillance and phytosanitary measures
- HORIZON-CL6-2023-GOVERNANCE: Data-driven solutions to foster industry's contribution to inclusive and sustainable food systems

EU Mission: Adaptation to Climate Change

The Mission on Adaptation to Climate Change focuses on supporting EU regions, cities and local authorities in their efforts to build resilience against the impacts of climate change. The Mission contributes to putting the EU's adaptation strategy in practice by helping the regions to:

- better understand the climate risks they are and will be confronted with in the future
- develop their pathways to be better prepared and cope with the changing climate
- test and deploy on the ground innovative solutions needed to build resilience

The Mission's objective is to accompany by 2030 at least 150 European regions and communities towards climate resilience.

The European Commission opened a round to participate in the mission as a region. This call is addressed to organisations representing a region, for example provinces, municipalities, water boards and other organisations involved in climate adaptation. Regions that want to participate in the Climate Adaptation mission have to complete a survey.

More information can be found at this [link](#). RVO, Horizon Europe National Contact Point in the Netherlands, set up an e-mail account where to ask questions: climateresilientregions@rvo.nl

HORIZON EUROPE / EUROPEAN REGIONAL DEVELOPMENT FUND (ERDF)

New European Bauhaus / European Urban Initiative (EUI)

The New European Bauhaus (NEB) initiative, launched by the European Commission in 2020, expresses the EU's ambition of creating beautiful, sustainable, and inclusive places and products. It promotes new ways of living where sustainability matches style, thus accelerating the green transition in various sectors of the economy and in societies as well as other areas of daily life.

The aim is to provide all citizens with access to goods that are circular and less carbon-intensive, that support the regeneration of nature and protect biodiversity. The New European Bauhaus looks at projects, places, practices, and experiences that are:

- Beautiful: aesthetically pleasing, but also inspired by art and culture, responding to needs and improving quality of experience beyond functionality
- Sustainable: in harmony with nature, the environment, and our planet
- Inclusive: encouraging a dialogue across cultures, disciplines, genders and ages

Recently the first call for proposals in support to the New European Bauhaus demonstrators – named European Urban Initiative - Innovative Actions (EUI-IA) – has been published. It will fund projects to deliver tangible, real-life examples of New European Bauhaus interventions that fully integrate the three core values of sustainability, inclusiveness and aesthetics. The call is relevant in particular for cities, in co-cooperation (co-creation) with stakeholders including HEIs and it will make use of cohesion policy funds (ERDF) at wider scale. The applicants cities are invited to consider the following themes which have the greatest potential to generate innovative solutions and create a clear demonstration effect in urban areas:

- a) circular economy and carbon neutrality
- b) preservation of cultural heritage
- c) adaptation of buildings for affordable housing solutions
- d) regeneration of urban spaces

More information about the Call are available [here](#).

APPENDICES

USEFUL LINKS

- [NWO](#)
- [ZonMw](#)
- Access the latest (draft or final) Horizon Europe Work Programmes: [SBD-GO Support HUB](#)
 - [Cluster 1](#)
 - [Cluster 2](#)
 - [Cluster 3](#)
 - [Cluster 4](#)
 - [Cluster 5](#)
 - [Cluster 6](#)
- [Horizon Europe](#)
- European [Funding and Tender Portal](#)
- [New European Bauhaus](#)

UNIVERSITY OF TWENTE
Drienerloaan 5
7522 NB Enschede

P.O.Box 217
7500 AE Enschede

P +31 (0)53 489 9111

info@utwente.nl
www.utwente.nl