

**i EXECUTIVE BOARD – EB (CvB)**  
**Meeting date 12-12-2022**

**UNIVERSITY  
OF TWENTE.**

**AGENDA ITEM: SEG Citizen Science @ UT-Scenario decision**

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CONFIDENTIALITY OF DOCUMENTS:  
TYPE OF DISCUSSION:  
ESTIMATED TIME OF DISCUSSION:

CONFIDENTIAL HIGHER MANAGEMENT  
DECISION-MAKING WITH DISCUSSION  
15 MINUTES

|  |                  |
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| <b>i Involved service department(s):</b>                             | <b>SP</b>        |
| <b>Responsible member Executive Board (EB):</b>                      | <b>Veldkamp</b>  |
| <b>i Date discussion author/director with responsible member EB:</b> | <b>5-12-2022</b> |

**1. TEXT DRAFT DECISION**

**i The Executive Board intends to decide:**

The EB agrees to implement the basic scenario as proposed by the SEG CS, starting January 1st 2023, embedded in DesignLab. The SEG CS will then be disbanded. For 2023 and 2024 central budget (€370K) is asked for to support the Citizen Science Activities @ UT.

**i Considerations:**

- All faculties and institutes are supporting Citizen Science, also stated in annual plans;
- Embed Citizen Science Activities @ UT at DesignLab (worktitle: Citizen Science Hub CSH);
- Citizen Science for Health (Citizenlab) is continued by TechMed with support of Saxion and ROC, the dialogue with other stakeholders is ongoing;
- Citizen Science Hubs are set up at four European universities (UT being one) within the H2020-project INCENTIVE (UT is coordinator);
- Faculties such as BMS (see advice), EEMCS (digital infrastructure), ITC (Geo CS Hub) already started with the outlines Impact scenarios;
- Citizen Science has become a taskforce within Caesar;
- Links with existing initiatives such as Impact Portfolios, Open Science Twente, 'Erkennen & Waarden', and Safety & Digitalisation;
- Central budget 2023 and 2024 for basic scenario (€370K per year);
- The activities/personnel of CSH can start the 1st of January 2023.

**2. SUMMARY OF THE SUBJECT:**

- i** The major societal challenges (e.g., climate change, (cyber) security, tensions in healthcare) require dynamic and open innovation with cooperation between universities, other knowledge institutes, companies and society. It is time for a fourth-generation university: a network university where impact is achieved through structural collaboration between researchers and citizens, as is done within the field of Citizen Science. With Open and Responsible Research Innovation and Entrepreneurship being part of UT's DNA, University of Twente has an excellent starting position in the Citizen Science-field. On top of that, being a technical university is of added value in the field of citizen science since not many other universities have this unique combination. The SB supports the idea behind the proposed implementation via - at least the basic scenario - and sees opportunities to move toward the impact scenario. The scenarios proposed ensure that Citizen Science would be embedded in the University of Twente.

**3. ADVICE(S):**

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| <b>i</b> Service department: | SBD   |
| Content advice:              | Possibilities for funding on national and international (European) level are numerous (see attachment by SBD-Grants Office). Supporting |

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|  | <p>Citizen Science (CS) at UT contributes to the societal impact of the university, in line with Shaping 2030, adds to High Tech-Human Touch and UT's mission for thriving towards the wellbeing of people and society. CS has by now substantial presence in R&amp;I calls, which is expected to continue; mapping of suitable opportunities is vast, especially in the European side. While a research proposal may not purely have CS focus, CS is increasingly wished for as part of a larger consortium, e.g. in health, energy transition domains, etc. In essence, funding opportunities imply that CS is "anchored" around a (sound) technical idea.</p> <p>Given the nature of its objective(s), CS is expected to be less prone to opportunities with business, with low likelihood for direct investment interest.</p> <p>A role for CS can be expected for UT impact portfolios, namely as contributor to collaborations set via competitive funds. For this, awareness of opportunities, knowledge of (internal) resources/capacity on the topic and the involvement of relevant (internal and external) stakeholders is crucial. A coordinated CS initiative can be an important asset in support to this.</p> <p>CS is an important element in the UT's wide Impact strategy. SBD advises to see CS as a structural effort and integrated part of the DL strategy and hence as part of the overall budget of DesignLab (DL). Otherwise, what will happen after two years when the CSB temporary investment ends?</p> <p>Two other recommendations for the future development of CS at UT:</p> <ul style="list-style-type: none"> <li>• direct engagement of UT research community must be gained: not only CS researchers shall be active, but also experts from the technology development side need to be made aware of the (competitive, quality) edge through involvement of CS, whenever applicable. This should be part of the overall Impact Academy@UT;</li> <li>• DL counts with direct support from SBD on grants for themes such as Citizen Science and public engagement, through a dedicated Grants Office advisor. Therefore, grant acquisition support activities (roles and support expectations) could be aligned with this SBD-GO. Further relevant support by SBD are to be discussed when concrete (impact/valorization) ambitions are being set.</li> </ul> |
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| Service department: | MC  |
| Content advice:     | <p>MC supports UT's focus on 'research impact' and citizen science. Innovation, technology and the development of science are indispensable in the transitions that are currently necessary. The three pillars chosen by UT (health, energy/sustainability and digitilisation) are logical, also for the citizen science activities at the UT. Even more important from a profiling perspective are in-depth themes. For instance the five themes that were mentioned in the LLL-plan (Resilience; AI; Technological solution in Health; Digitalisation &amp; IT; Energy &amp; Sustainability).</p> <p>Here too, the Citizen Science approach (as a mean, not an end in itself) can play an important role, which makes UT unique:</p> <ul style="list-style-type: none"> <li>• Exemplary for the UT and/or the UT has a proven and successful track record;</li> <li>• As High Tech, Human Touch the UT can claim a unique profile with</li> </ul> |

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|  | <p>Citizen Science that has not, yet, be claimed by other universities and/or research institutes;</p> <ul style="list-style-type: none"> <li>• Meets an urgent need from society and putting social needs and impact on the agenda.</li> </ul> <p>The UT is ideally positioned to feed the surrounding ecosystem in this area. The ties and cooperation with the region, the business community and other knowledge institutions are excellent, and they can be used well to achieve social impact.</p> <p>MC advises using Designlab as a catalyst and connector to facilitate, encourage and propagate social impact through citizen science, together with MC. Designlab can therefore be an excellent legitimation and example of the CS ambition, usefulness and necessity of the UT, UT goals and working method.</p> |
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| Service department: | SP  |
| Content advice:     | <p>Citizen Science (CS) is part of Shaping 2030 and the UT Research Strategy 2030 and contributes to the recently expressed desire to be a fourth-generation impact university. Citizen Science also gives shape to the ambitions formulated nationally and internationally in, for example the NPOS Rolling Agenda and the ERA Policy Agenda 2022-2024 item 'Bring Science closer to the Citizens'. De ERA agenda describes that new R&amp;I solutions need to be co-designed and co-implemented together with citizens to ensure that there is societal uptake of these new solutions and approaches. Citizen Science is instrumental to improve and support UT efforts on transitions, and can be involved in various impact pathways.</p> <p>With the current experience and running projects on CS the UT is well suited to further enhance the role of CS to make even more impact in society. The specific knowledge, infrastructure and experience needed for Citizen Science and issues about how Citizen Science can be properly conducted at the highest level (co-creation) justifies a central location at the UT. A place where researchers help each other and are supported to realize impactful projects. This requires specific communication (community management and science communication) to make the UT a for CS continuously visible, approachable and reliable party in the world outside the campus. Given the experience of DesignLab, and the cross-faculty collaboration culture at the UT, the Citizen Science activities @ UT (worktitle Citizen Science Hub) can be further developed into a unique asset and USP of the UT.</p> <p>The basic scenario supports this, but to make a bigger difference the impact scenario is needed to grow firmly and to develop a well suited digital infrastructure. For the basic scenario central funding is in place to offer a stable UT wide platform for CS. To realise the impact scenario the first faculties and an institute already plan to contribute to the hub to establish for example a digital infrastructure. To realise a great hub that suits our expectations, the targets and how those are to be met should be clear. Monitoring internal and external involvement of (citizen) scientists, measuring the number and magnitude of citizen science projects is therefore essential (financial and number and role of participants and impact).</p> <p>S&amp;P and FIN advice to fund the basic scenario temporarily from the CSB. The proposal is a strategic initiative in the field of research and is supported by the SB. To cover the predicted costs the requested central budget amounts to 370 k€ per year for 2023 and 2024 (see the attached annex). S&amp;P and FIN suggest to make the requested budget available for the next three years: in 2023 a maximum budget of 185 k€, in 2024 a maximum available budget of 370 k€ and 185 k€ in 2025. The budgets in CSB are linked to a calendar year. At the end of the calendar year, the budgets expire if they are not (fully) spent. The development of impact</p> |


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|  | scenarios must be funded externally and/or by the faculties and institutions based on multi-annual year plans with contributions for specific targets. |
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| Service department: | FIN                                |
| Content advice:     | S&P and FIN advice is merged above |

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| Institute:      | TECHMED Centre  |
| Content advice: | <p>TechMed Centre supports the implementation of Citizen Science@ UT, as a means towards higher societal impact. The current challenges in healthcare ask for better understanding of the needs, situations, and ideas of different groups of citizens; e.g. healthy citizens, patients, care givers or providers. Collaborations between researchers and citizens in their various roles can help build trust, understanding and thereby solutions that fit all people and their circumstances. Therefore, the TechMed Centre started the TOPFIT Citizenlab, unique in its scope and scale (6M€, 17 regional partners), supported by the Twente Region Deal (2020-2022).</p> <p>TechMed already invests 0,4 FTE in Citizen Science for Health in the Twente Region (TOPFIT Citizenlab) and intends to continue to do so. From 2023 onwards, this is a joint effort with Saxion University of Applied Sciences (investing 40k€ in 2023) and ROC of Twente (committed to strategy, limited recourses available). This collaboration should facilitate and stimulate researchers in setting up and carrying out citizen science for health projects, maintain and grow a relevant network and community of citizens. TechMed Centre will share expertise, lessons and challenges from TOPFIT Citizenlab with other UT domains. Citizen Science @ UT could support Citizenlab in delivering services, building a long-term relation with society, continuing and expanding (digital) infrastructure, and strengthening the position in Citizen Science for Health and outreach. A seed fund to cover out of pocket costs for researchers to execute citizen science experiments and activities, could be helpful in initiating new initiatives.</p> <p>Given the interest in citizen science, we expect to be able to get additional external funding along the impact themes.</p> |


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| Department:     | BMS   |
| Content advice: | <p>Strategic commitment and investments Citizen Science, BMS department: Citizen participation in governance and debates on emerging science and technology is a core theme of sections within the BMS faculty – especially within the departments Technology, Policy and Society and the Department of Technology, Human and Institutional Behaviour. The methodological and theoretical expertise developed over time can be used as shared UTwente expertise for the Citizen Science Hub.</p> <p>Recently the Technology, Policy and Society has made specific investments in Citizen Science for health and sustainability. Following up on the success of Topfit Citizenlab an associate professor position is created within the HTSR section on health citizen science. By creating that position we hope to contribute to a succession of Topfit Citizenlab. Within the joined research topic of urban dynamics, CHEPS and STEPS have jointly created an assistant professor with citizen science expertise on sustainability issues. We are looking forward to developing jointly Citizen Science at the Utwente with colleagues from other faculties.</p> |

#### 4. OVERVIEW PREVIOUS PHASE:

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|  Name of forum | Strategic Board (SB)   |
| Date of discussion  | 26 October 2022  |
| Agenda item   | Citizen Science @ UT   |
| Outcome   | <p>The Strategic Board discusses the proposal of the SEG Citizen Science regarding the implementation of Citizen Science @ UT. The SB is asked to advise the EB on the preferred scenario. The SEG gives preference to one of the impact-scenarios above the basic scenario.</p> <p>After discussion it is concluded that the Strategic Board supports the idea behind the proposed implementation via the basic scenario, for the impact-scenarios a or b further design and commitment is needed.<br/>                 The following elements should be made more clear to come to a final decision:</p> <p>The following elements should be made more clear to come to a final decision:</p> <ul style="list-style-type: none"> <li>- Funding: the university should invest together with external partners (for example Sports data valley). Also possibilities for subsidies should be considered (NWO, European grants). The business case is unclear, the pay off for the university is the societal value of contributing to societal issues.</li> <li>- Collaboration with external partners: it is essential to have commitment of external partners.</li> <li>- Integration with strategic plans: in what way can Citizen Science be included in faculty year plans, vision on education, life long learning strategy, research ambitions, impact themes.</li> <li>- Governance: the proposal is to make Design Lab responsible for Citizen Science@UT. The Strategic Board calls for a clear embedding, with relation to Open Science.</li> </ul> <p>The SEG will submit the proposal for decision making to the Executive Board with the advise given by the Strategic Board (via S&amp;P).</p> |

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| Name of forum      | Choose an item.           |
| Date of discussion | Click to enter a date.    |
| Agenda item        | Click here to enter text. |
| Outcome            | Click here to enter text. |

#### 5. PROPOSAL FOLLOW-UP PHASE:

|  | Forum                                   | Type of discussion |
|---|---|--------------------|
| <input type="checkbox"/>  | UCM (UCB)                               | Choose an item.    |
| <input type="checkbox"/>  | UC-E (UC-OW)                            | Choose an item.    |
| <input type="checkbox"/>  | UC-R (UC-OZ)                            | Choose an item.    |
| <input type="checkbox"/>  | UC-I                                    | Choose an item.    |
| <input type="checkbox"/>  | EB-Services (CvB-Diensten)              | Choose an item.    |
| <input type="checkbox"/>  | EB-Deans (CvB-Decanen)                  | Choose an item.    |
| <input type="checkbox"/>  | Strategic Board (SB)                    | Choose an item.    |
| <input type="checkbox"/>  | University Council                      | Choose an item.    |
| <input type="checkbox"/>  | OPUT                                    | Choose an item.    |
| <input type="checkbox"/>  | Audit Committee Supervisory Board       | Choose an item.    |
| <input type="checkbox"/>  | Education Committee Supervisory Board   | Choose an item.    |
| <input type="checkbox"/>  | Supervisory Board (RvT)                 | Choose an item.    |
| <input type="checkbox"/>  | Executive Board (CvB)                   | Choose an item.    |
| <input type="checkbox"/>  | other, being: Click here to enter text. | Choose an item.    |

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## 6. COMMUNICATION:

### Standard communication route:

Same week:

Public decisions: explanation on decision to UToday (by Spokesperson EB)

Confidential decisions: mailing to Higher Management UT (by Registrar EB)

In the week after the decision-making:

Public decisions: publication decision on EB-website (by Registrar EB)



### Additional communication:

[Click here to enter text.](#)

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### ATTACHED DOCUMENT(S):

Scenarios for Citizen Science @ UT as discussed in SB 26/10/22

(221126-SB-CS at UT-SEG-CS.pdf)

Overview of calls Citizen Science, GA

(221212-CvB-Attachment-Shaping Expert Group Citizen Science.pdf)

Budget Citizen Science Hub, FIN

(20221205\_SEG\_Budget\_Citizen\_Science\_Hub.xlsx)