Application form NWO – Open Science Fund – 2023

Section 1a – Details of the applicant

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Section 1b – Details of the team member(s)

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Section 2 - Public summary

English public summary

Open Science Communities (OSCs) are local, bottom-up initiatives aimed at accelerating the adoption of Open Science practices in academia through peer-to-peer learning. The Dutch network of OSC's (OSC-NL; www.osc-nl.com) empowers the twelve local OSC's in the Netherlands and voices their bottom-up perspectives on Open Science to national (policy) stakeholders. This project will accelerate the impact of this community-led network by 1) professionalising the network's community management, and 2) creating opportunity, time, and resources for engaging the research community in together shifting norms towards a more open future.

Word count (max 100): 87

Dutch public summary
Open Science Communities (OSCs) zijn lokale, bottom-up initiatieven die als doel hebben om de implementatie van Open Science te versnellen via peer-to-peer leren. Het nationale netwerk van Nederlandse OSC's (OSC-NL; www.osc-nl.com) ondersteunt de twaalf lokale communities en vertegenwoordigt hun bottom-up Open Science perspectieven bij nationale belanghebbenden (bijvoorbeeld op gebied van beleid). Dit project versnelt de impact van dit door de community geleide netwerk door 1) het community management van het netwerk te professionaliseren en 2) mogelijkheden, tijd en middelen te genereren om samen met de onderzoeksgemeenschap de normen te veranderen voor een meer open toekomst.   Word count (max 100): 95

Section 3 – Project proposal	

3.1 The details of proposal

Proposed project title and acronym	Fostering a national Community-led network to accelerate Open Science practices: Foster OSC-NL
Project duration (in months)	12 months
The project will primarily address	Culture change towards Open Science
The project will secondarily address	Open platforms or tools
Relevance for a specific discipline	All disciplines

3.2 The vision for your project (Criterion: Alignment with the aim of the Call for proposals)

The Dutch network of Open Science Communities (OSC-NL; www.osc-nl.com) is a thriving **bottom up, community-led, social infrastructure** that aims to accelerate the transition to open science (OS). OSC-NL currently represents 12 Open Science Communities (OSCs), all located in a Dutch university city. Each OSC plays a crucial role in locally shifting norms towards OS, stimulating wider adoption of OS practices among researchers, educators and organisational professionals[1]. OSCs make OS practices more visible and knowledge more accessible by facilitating/stimulating peer-to-peer interactions, while at the same time feeding experiences, barriers, and initiatives (often cutting-edge!) back into policy.
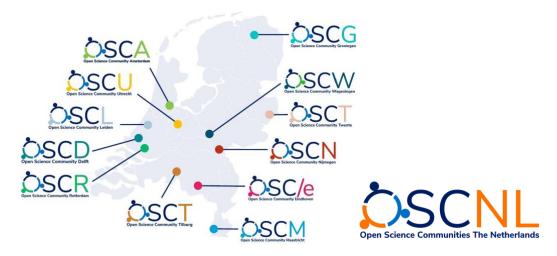

Figure 1. The network of Open Science Communities (OSC-NL)

To support local communities (**target audience 1**), OSC-NL functions as a network of local community managers (**target audience 2**) to exchange best practices, develop resources (e.g., to facilitate peer-to-peer learning), and liaison between local communities and national stakeholders (**target audience 3**). For example, valuable input was gathered twice amongst local OSCs for the National Open Science 2030 Ambition Document, and a representative of OSC-NL was on the editorial board of their Rolling Agenda. OSC-NL was officially established as a non-profit foundation in 2022 (KvK 88539989).

Keeping up this success depends on continued network maintenance, leadership, outreach, and capacity to bring people together. These activities are currently done on a voluntary basis, yet it is crucial to strengthen and sustain them whilst exploring paths for structural funding. Without this proposed investment in OSC-NL, we cannot professionalise community management to accelerate the network's aims of supporting local, community-led, and wide adoption of OS practices.

This proposal will empower and expand the network's existing social capital with activities to make OS practices the norm:
1. **OS Retreat:** give the academic community the opportunity to learn about OS practices from each other;
2. **Community Management Training:** empower 'invisible leaders' who voluntarily coordinate advancing OS practices by taking on the social challenge of making OS the norm in all fields and from the bottom up;
3. **Knowledge Exchange Sessions:** professionalise local community management and institutional collaboration to help address the most challenging, yet often neglected, requirement of changing a research culture: research community engagement;
4. **Advocacy Work and Dissemination:** provide community input to national research policy, infrastructure and services.

Reaching these aims and leading a national network of communities takes time, resources, skill and expertise: one has to understand the political implications of actions and decisions, have the ability to represent diverse perspectives, persuade through authenticity, and generate trust throughout the community. The activities layed out in this project proposal will ensure that OSC-NL can support these aims in a professional manner.

Word count (max 450): 432

3.3 Project plan (Criterion: Feasibility of the project plan)

The intended results will be achieved through the following activities and methods:

1) An **OS Retreat for the academic community**: A week dedicated to learning, networking and reflecting; the concept of this OS Retreat (developed and successfully implemented in Germany by team member Seibold) is in line with overarching goals of OSCs to accelerate research community engagement: by working together on different OS projects in groups in the morning, with time in the afternoon for focused work, career coaching and rebooting amidst nature, this week encourages deep-sharing experiences between participants who already use open ways of working and people relatively new to OS, thus forming a new cohort of OS enthusiasts.

2) **Professional Community Management Training:** Facilitating the board members of OSC-NL in professionalising by following the Advanced training in community management of the renowned Center for Scientific Collaboration and Community Engagement (CSCCE), to advance their core set of actionable skills and strategies, and further build engagement strategies that are grounded in theory.

3) **Knowledge Exchange Sessions**: Organising and hosting a series of knowledge exchange sessions in which OSC board members hand over their tangible knowledge to other local OSC managers, to let local OSC community leaders reach their full potential sooner. The expertise and know-how to successfully run an OSC is available within the OSC-NL team, yet we currently lack the resources to provide individual OSCs with in-depth guidance to make their OSC flourish. Also, the lessons learned in the advanced training in community management (see point 2) can be disseminated to the larger OSC-NL network via these sessions (and wider impact on the international level, e.g., via team members to the [International Network of Open Science and Scholarship Communities](#)).

4) **Advocacy Work and Dissemination:** Having one OSC-NL Board member available for 0,1 FTE for advocacy work to facilitate OSCs to foster a close collaboration with the local research institutes (e.g., the university's OS programmes; UNL) and influential policy makers like the network of coordinators of OS programmes of the Dutch universities, the network of the Universities of the Netherlands (UNL). This is crucial, as it will allow the communities to enable their members to provide input to institutional policies, research infrastructures and support services, to shape the transition to OS in accordance with researchers' needs and workflows. We already have a good connection with several of these stakeholders, but maintaining these ties, and organising getting feedback from the network to them takes time. Similarly, to put OSC-NL on the map as an indispensable liaison to voice bottom-up perspectives at the (inter)national level (e.g., with stakeholders like NWO, European Open Science Cloud), we need resources to make the network visible and disseminate knowledge.

Table 1. Project plan timeline

Activity	Fall 2023	Winter 2023-24	Spring 2024	Summer 2024
1. Open Science Retreat	X	X	X	
2. Community Management Training	X			
3. Knowledge Exchange Sessions for OSC Managers		X		X
4. Advocacy Work and Promotion/ Dissemination	X	X	X	X

Word count (max 500): 449 + 38 (in Table 1) = 487

3.4 Project roles and expertise (Criterion: Feasibility of the project plan)

The applicant is assistant professor in Methodology and Statistics of psychology, working as a researcher, teacher, and community manager to improve research(er) integrity, openness, and self-corrective mechanisms in science. As founder of the Open Science Community in Leiden, she is currently Chair of the OSC-NL board. Her role is to contribute advocacy work and coordinate the activities outlined above.

The team further consists of two experienced community leaders, and two experienced event/project leaders.

Anita Eerland (assistant professor, Radboud University) is involved in various OS initiatives on a local, national, and international level. She co-founded the first OSC in Utrecht, is the chair of the International Network of Open Science and Scholarship Communities (INOSC), board member of OSC-NL, and leads the OSC incubator program. Alexandra Sarafoglou (postdoctoral fellow at the university of Amsterdam) is community manager of OSCA and board member of OSC-NL, and has followed the incubator program. Together with the applicant, their role is to facilitate and function as experienced trainers during the knowledge exchange sessions, and create lasting mentorship pairs amongst community managers.

Heidi Seibold and Melanie Imming are both experts in organising OS events such as the first OS Retreat (Seibold) and the Netherlands National OS Festival (Imming). Involved in many (international) OS expert groups and initiatives such as OSC-NL, they lead OS projects and deliver OS reports, podcasts and training. Together with the applicant, their role is to organise the OS retreat and ensure that it will be as open, inclusive ánd community-led as possible.

Word count (max 250): 249

3.5 Budget table

Type of costs	Short description	Costs in euros
Personnel	Scientific personnel (applicant), 0.1 FTE, 12 months	€ 8.376
Project-related goods/services	160 hours organising Open Science Retreat (50% reduced rate) + VAT	€ 12.584
Project-related goods/services	Retreat: Workshop materials, website, communications, financial app etc.	€ 3.500
Travel and accommodation costs	Compensation 5 day accommodation/meals Retreat, esp. for Early Career Researchers (ca. 40 pax in total)	€ 14.000
Project-related goods/services	Community management training (6 participants)	€ 6.000
Dissemination	Two OSC knowledge exchange sessions (training by two team members, lunch, location)	€ 3.500
Travel and accommodation costs	Visits to other Open Science Communities at Dutch unis and travel to knowledge exchange sessions	€ 500
Project-related goods/services	Flyers, stickers, banner for e.g. OS festival, website maintainance	€ 1.000
Own contribution	Own contribution by OSC-NL board members (training, dissemination work)	*in kind*
Own contribution	Own contribution by lead organiser of OS retreat (matching 160 hours 50% reduced rate)	*€10.400*
Own contribution	Use of meeting space, Center for Digital Scholarhsip Leiden	*in kind*
Total request from NWO		**€ 49,460**

3.6 Budget justification (Criterion: Feasibility of the project plan)

Budget includes:
- travel/accommodation OS Retreat: accommodation in NL is expensive (quotes received: 650/850,- p.p.). Charging full price will work exclusionary, therefore especially costs for Early Career Researchers will be kept to a minimum through this project. Participants able to bear more costs are asked a (reduced) fee for this week-long retreat including meals: aim is max 550,- when staying in a 2pp. shared room.
- hours for the lead organiser of the OS Retreat: an experienced team member is willing to take the lead in organising the OS Retreat with a 50% discount of her usual rate for e.g., SURF and NWO, she is experienced with costs for aspects like a website, dissemination, workshop materials, speakers, financial processing. Potential career coaching and moderation costs will be paid from the participants fee and not added here;
- CSCCE community management training with a fixed known price for non-profits;
- knowledge exchange trainers, lunch, location, travel for participants, and dissemination/promotion material;
- 0.1fte for OSC-NL advocacy, dissemination and promotion work (e.g., gathering OSC member input and channelling this to national initiatives asking for feedback). We have experience doing this voluntarily, therefore we have a solid overview of efforts needed.

Word count (max 200): 193

Section 4 – Open Science track record of the applicant

Anna van 't Veer has been part of reforming science for over a decade, working on both theory and implementation of practices such as preregistration, replication, reproducibility and large team efforts (e.g., where many labs jointly replicate studies within psychology, where many analysis teams analyse the same neuroimaging dataset, or where labs from over the world form a network to accelerate and diversify science).

Her teaching, research, and (community) service work is focussed on improving research culture towards responsible and open scholarship. She founded the OSC Leiden, and is currently chair of OSC-NL.

She was amongst the first researchers in psychology to publish a Registered Report, post preprints, and share data. She has given many workshops about good research practices and openness, has written manuals for researchers to work openly, and promotes the Open Science and Recognition and Rewards movement at all levels of policy-making, whether that is in her own department, institute, faculty, university or on the (inter)national level. For instance, at the institute level she is stimulating research integrity and open scholarship through a workshop with continued embeddedness tailored to staff of each department, and at the university level she helped develop the university's OS programme.

Word count (max 200): 198

Section 5 – Data management (Criterion: Feasibility of the project plan)

5.1 Will this project involve re-using existing research data?
No: Have you considered re-using existing data, but discarded the possibility? Why?

No, this project does not involve conducting research, hence re-using existing research data does not apply (see further elaboration at 5.2).

5.2 Will data be collected or generated that are suitable for reuse?
No: Please elaborate

This project does not involve conducting research, hence will not generate data suitable for reuse. Our project is focussed on broadening acceptance of OS, (training for) exchange of good practices, and developing communities of OS practice. However, we will process personal data used for registration and payments for the Open Science Retreat. These data will be saved for a maximum of one year for event communication purposes, and participants of the retreat will be informed about this in the event's privacy statement. All possible outputs created during the OS Retreat will be made available publicly on for instance Github, Zenodo or the Open Science Framework under CC by or CC 0 licence. If, at some point, ideas generated in the context of this network and its events result in research, this research will of course have its own data management plan.

5.3 After the project has been completed, how will the data be stored for the long-term and made available for the use by third parties? Are there possible restrictions to data sharing or embargo reasons? Please state these here.

NA

5.4 Will any costs (financial and time) related to data management and sharing/preservation be incurred?
Kies een item.

Section 6 – Software sustainability (Criterion: Feasibility of the project plan)

6.1 Will software be generated during the project?
No: Skip to section 7

6.2 How will the software be licensed and be made available for re-use?

6.3 What measures are needed to make the software appropriate for long-term (re-)use by third parties?

6.4 How large do you expect the community that will potentially use the software to be, and do you expect outside contributors to the software?

6.5 What expertise do you expect to be needed to make the software appropriate for long-term re-use by third parties? Is this expertise available?

Section 7 – Literature references

*[1] K. Armeni, L. Brinkman, R. Carlsson, **A. Eerland**, R. Fijten, R. Fondberg, V.E. Heininga, S. Heunis, W.Q. Koh, M. Masselink, N. Moran, A. Ó Baoill, **A. Sarafoglou**, A. Schettino, H. Schwamm, Z. Sjoerds, M. Teperek, O.R. van den Akker, **A.E. van't Veer**, R. Zurita-Milla, (2012) Towards wide-scale adoption of open science practices: The role of open science communities, Science and Public Policy, Pages 605–611, DOI: https://doi.org/10.1093/scipol/scab039*

By submitting this form, I declare that:

I and all the individuals involved in this proposals satisfy the nationally and internationally accepted standards for scientific conduct as stated in the Netherlands Code of Conduct for Research Integrity (The Universities of the Netherlands): Yes

The research organisation has been informed of this grant application and the research organisation accepts the grant conditions of this programme: **Yes**

The team members named in this form have read and agreed with the submission of this proposal and have agreed with their role and intended contribution to the project, should this be awarded: **Yes**

I have completed this application form truthfully: **Yes**