

OSHUB THE NETHERLANDS



**Universiteit
Leiden**
The Netherlands

Leiden University

Leiden University is a public research university in Leiden, Netherlands, founded in 1575. The university has seven academic faculties and over fifty subject departments, housing more than 40 national and international research institutes. It has a campus in both Leiden and The Hague, with around 8 000 staff members and 35 000 university students.

Relevant to this context, in the most recent Leiden University Strategic Plan 2022-2027 – Innovating and Connecting, one of the primary focus is on making stronger connections, with a strong emphasis on the connection between the University and society: „Increasing our impact in society requires more interaction and collaboration between the University and the world around us, based on the issues that are relevant to that world.“ In particular, the University is working towards increasing their share in societal debates, enhancing their integration within society, while at the same time offering more opportunities to students to gain experience with research and teaching with a central focus on societal challenges.

OSHub Team

Sanne van Gammeren

*OSHub-NL
Project Manager*

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Project Manager*

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Value Proposition

OSHub-NL increases educational opportunities for all students, by fostering collaboration between schools and universities, thus opening up schools to new community members while promoting educational careers for university students.

Target public

Students from primary to secondary school, students from University students, teachers, school directors, school boards, parents.

Management Board

01 Civil Society

- **Stichting Bredebuurtschool (SBB)**

Rudy van der Bovenkamp and Rebecca Gerritse

Type of relationship/interaction: Employee educators, networking in local community, project manager

Contact frequency: Weekly

03 School Board

- **De Haagse Scholen (DHS)**

Karin Striekwold

Type of relationship/interaction: Advisory, implementation schools, supplier for training educators

Contact frequency: Monthly

- **Stichting Christelijk Onderwijs Haaglanden (SCOH)**

Danielle Ames

Type of relationship/interaction: Advisory, implementation schools, supplier for training educators

Contact frequency: Monthly

- **Lucas Onderwijs**

Florentien Dijkma

Type of relationship/interaction: Advisory, implementation schools, supplier for training educators

Contact frequency: Monthly

01 Government

- **Municipality of The Hague**

Rebecca Salcedo

Type of relationship/interaction: Policy member, funding

Contact frequency: Monthly

Approach

Universities are hubs for knowledge, connection and creativity. Through a community of teachers, students and scientists, all closely connected with stakeholders – from alumni to other universities, society and businesses – regionally, nationally and internationally, universities seek to unveil the frontiers of knowledge and, ultimately, contribute to community development, both through knowledge creation, but also, by equipping students with the skills and networks to become the professionals and citizens of tomorrow.

As such, university students are well-positioned and have the skill set to help universities opening-up and to create, strengthen and sustain meaningful and functional connections with society. On one hand, university students have the academic knowledge and a critical and inquisitive mindset, are able to take on leading positions, are entrepreneurial and can work in partnership with colleagues from different disciplines and backgrounds. And on the other hand, as citizens, they experience and engage with today's societal challenges and feel the motivation and responsibility to use their skills to find solutions.

Hence, the mission of OSHub-NL | Het Open Leerplein is to work together with the academic community to provide meaningful educational, social and professional experiences to university students, that simultaneously allow them to contribute to society's educational challenges while opening-up their horizons regarding their future careers.

For that, OSHub-NL plays a leading role in incubating and accelerating projects aimed at this goal, which includes the following steps, that we describe in more detail below: 1) identifying the challenge; 2) gathering partners and co-creating the project; 3) piloting and implementing; 4) evaluating; 5) creating conditions for sustainability.

Model

To demonstrate the approach described earlier, we provide here the real example of the project *Studenten voor Educatie*, which started in the beginning of 2020.

- **Identifying the challenge**

Educational inequality and teacher shortage in primary schools are two of the main educational challenges in the Netherlands, being the latter a key contributor to the first one. During Covid-19 outbreak, this situation got even worse, leading to an increase in the number of students falling behind in their academic, creative and emotional development.

Considering this scenario and the approach described before, OSHub-NL defined as a goal to support schools reducing the workload of primary school teachers and increasing the educational opportunities for all students, by increasing the collaboration between primary schools and universities, while at the same time promoting educational careers for university students. Importantly, there was a particular interest to work in The Hague (where Leiden University also has a campus), given the high social and educational demands prevalent in some neighbourhoods.

- **Gathering partners and co-creating the project**

Right from the beginning, OSHub-NL contacted the Municipality of the Hague, with whom quickly set up a network of relevant educational partners – Stichting Brede Buurtschool and the School Boards from the Hague – to devise a plan to tackle this challenge.

This gave rise to the *Studenten voor Educatie* project, whose essence is to match university students with primary schools based on the student's assets and on the school's needs, so that university students can provide an extra force at schools, by working as tutors of primary students, while gaining relevant experience in teaching and being involved in meaningful societal experiences.

Importantly, in order to ensure professional support, university students receive dedicated training, both from teachers and school heads working on the ground, as well as from professionals from Leiden University working on the fields of education and inclusion.

- **Piloting and implementing**

OSHub-NL led the piloting and implementation of the project, where it acted as a broker, coordinating and facilitating the work between all partners, schools and university students. In addition, was also responsible for identifying the needs of schools as well as recruiting and training university students and matching them to the different schools.

- **Evaluating**

A key aspect of the *Studenten voor Educatie* project was the establishment of a monitoring and evaluation programme, in collaboration with the University of Applied Science from The Hague, to keep track of the project's progress, evaluate its effectiveness and adjust it where necessary, on an evidence basis. Again, OSHub-NL was responsible for recruiting the research group and working with the researchers in the co-design of the monitoring plan, as well as liaising between the different project partners, namely the School Boards.

- **Creating conditions for sustainability**

Studenten voor Educatie started as a pilot with 4 schools and 8 mentors in the spring of 2020, and it has become today a citywide facility with over 50 primary schools. In addition, it is anchored within The Hague's educational agenda until 2026 and receives municipal support. For this, the experience, expertise and connections of the partners involved, as well as the involvement of the Local Councillor since the beginning involvement, were fundamental to create the conditions for ensuring both financial and institutional sustainability.

Physical Space

OSHub-NL focused on a project that does not require a dedicated physical space, since it is happening at schools.

Partner Schools

NAME	LOCATION	SCHOOL YEARS	# STUDENTS	# TEACHERS	# SCHOOL HEADS
Gerth van Wijk school	The Hague	Primary	120	4	1
De Hoogstra- tenschool	The Hague	Primary	120	4	1
Meester Scha- bergschool	The Hague	Primary	120	4	1
Comenius	The Hague	Primary	120	4	1
Kindcentrum Da Vinci – Ds.D.A.v.c. Boschscho ol	The Hague	Primary	120	4	1
Prinses Irenescho ol	The Hague	Primary	120	4	1
Prinsehaghe	The Hague	Primary	120	4	1
KC Wonder- steboven – Dr. M.M. den Hertog Scho ol	The Hague	Primary	120	4	1
De Springbok Wolmaran- straat	The Hague	Primary	120	4	1

De Springbok Pretoriusstraat	The Hague	Primary	120	4	1
Anne Frank school	The Hague	Primary	120	4	1
De Voorsprong	The Hague	Primary	120	4	1
het Galjoen	The Hague	Primary	120	4	1
Erasmusschool	The Hague	Primary	120	4	1
Prinses Marijke	The Hague	Primary	120	4	1
Het Startpunt	The Hague	Primary	120	4	1
Carolusschool	The Hague	Primary	120	4	1
Nutsschool Woonstede	The Hague	Primary	120	4	1
Nutsschool Morgenstond	The Hague	Primary	120	4	1
Onze Wereld	The Hague	Primary	120	4	1
Drie Linden	The Hague	Primary	120	4	1
Cosmicus	The Hague	Primary	120	4	1
De Vuurvlinder	The Hague	Primary	120	4	1
Toermalijn	The Hague	Primary	120	4	1
De Rosaschool	The Hague	Primary	120	4	1
Yunus Emre – Mandelaplein	The Hague	Primary	120	4	1

Implementation

The program *Studenten voor Educatie*, locally developed in collaboration with the Municipality of The Hague, Stichting Brede Buurtschool and the School Boards in the Hague, aims to support primary schools overcoming their specific needs and challenges, while reducing teacher workload and increasing the educational opportunities for students. For that, we developed a professional program for university students parallel to their studies (complemented by training and mentoring support), where university students are matched to primary schools based on their assets and on the school's needs. Like this, we expect students to gain relevant and meaningful societal and professional experiences by contributing to our society's educational challenges.

On top of this, we set up a research programme to assess the effects of the project in collaboration with the Haagse Hogeschool, research group Inclusive Education within the Centre of Expertise Global and Inclusive Learning.

Overall, OSHub-NL impacted:

- Directly:
 - 3 120 students corresponding to 95 640 interactions (engagement rate: 31)
 - 104 teachers corresponding to 3 192 interactions (engagement rate: 31)
 - 190 community members corresponding to 416 interactions (engagement rate: 2)



Figure 1: Photo from *Studenten voor Educatie* sessions.

Partnerships

08 Academia

- **The Hague School for Applied Sciences**
Type of relationship/interaction: Researchers for Monitoring & Evaluation
Contact frequency: Every 2 weeks
- **Leiden University college**
Type of relationship/interaction: Communication to students
Contact frequency: Monthly
- **Study advisors, Leiden University**
Type of relationship/interaction: Communication to students
Contact frequency: Monthly
- **Diversity & Inclusion Expertise Office, Leiden University**
Type of relationship/interaction: Training of tutors (University students)
Contact frequency: Weekly for preparation of the training sessions
- **ICLON, Leiden University**
Type of relationship/interaction: Training of tutors (University students)
Contact frequency: Weekly for preparation of the training sessions
- **Pedagogische wetenschappen / Social Sciences, Leiden University**
Type of relationship/interaction: Training of tutors (University students)
Contact frequency: Weekly for preparation of the training sessions
- **Antropologie / Social Sciences, Leiden University**
Type of relationship/interaction: Training of tutors (University students)
Contact frequency: Weekly for preparation of the training sessions
- **Faculteit Governance and Global Affairs, Leiden University – The Hague Campus**
Type of relationship/interaction: Training of tutors (University students)
Contact frequency: Weekly for preparation of the training sessions

01 Government

- **Municipality of The Hague**
Type of relationship/interaction: Funding within municipality budget; Finding collaborations within its programmes; Coordinating with school boards
Contact frequency: Weekly

01 Civil Society

- **Stichting Bredebuurtschool (SBB)**

Type of relationship/interaction: Selecting schools; Providing employment for students

Contact frequency: Weekly

03 School Board

- **De Haagse Scholen (DHS)**

Type of relationship/interaction: Advisory Board; Coordinating and liaising with schools

Contact frequency: Monthly

- **Stichting Christelijk Onderwijs Haaglanden (SCOH)**

Type of relationship/interaction: Advisory Board; Coordinating and liaising with schools

Contact frequency: Monthly

- **Lucas Onderwijs**

Type of relationship/interaction: Advisory Board; Coordinating and liaising with schools

Contact frequency: Monthly

02 Non-formal education-related entity

- **Student association, Leiden University**

Type of relationship/interaction: Communication to students

Contact frequency: Monthly

- **Student association, The Hague School for Applied Sciences**

Type of relationship/interaction: Communication to students

Contact frequency: Monthly

Activities

10 Educator Training Sessions for university students

SHORT DESCRIPTION

Training for the students who had enlisted as tutors in the OSHub Studenten voor Educatie program, in advance of their placements in schools. This extensive programme was facilitated by a range of stakeholders, including primary school governance boards, university faculty, school teachers, external experts, as well as the OSHub project team. Content covered an overview of the Dutch primary education system, inclusive education, personal and professional development, basics in pedagogy and didactics, giving feedback, and STEAM education. Where possible, these topics were accompanied by examples from the classroom provided by collaborating teachers. This extensive training was delivered for three cohorts of tutors, spread over multiple sessions, with 90 participants in total.

DURATION

9 sessions, where each lasted between 1.5 to 4h

TIMELINE

February to December 2021:

- 18.02.21, 3 h session
- 25.02.21, 4 h session
- 05.03.21, 4 h session
- 10.03.21, 2 h session
- 11.03.21, 2 h session
- 17.03.21, 3 h session
- 14.04.21, 2 h session
- 22.09.21, 1.5 h session
- 08.12.21, 2 h session

PEOPLE ENGAGED

Directly engaged:

- 2 teachers corresponding to 4 interactions (interaction rate: 2)
- 5 researchers corresponding to 5 interactions (interaction rate: 1)
- 45 university students corresponding to 405 interactions (interaction rate: 9)

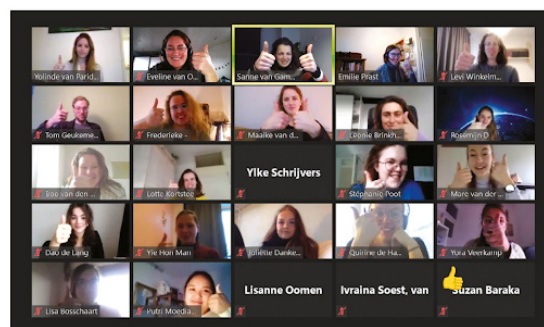


Figure 2: Attendees of a ULEI online educator training.

24 000 Autonomous Sessions by university students

SHORT DESCRIPTION

During the school years of 2020/2021 and 2021/2022, there were around 52 university students providing support to primary students, per year. This support consisted of providing an extra hand in the classroom, tutoring outside the classroom with smaller groups of students, aiding with homework, developing STEAM projects (particularly in 2021/2022). In the school years of 2020/2021 and of 2021/2022, around 26 schools participated in the project.

On average, each tutor (university student) gave support to around 30 students per school, in a total of 8 to 10 hours per week, in a total of 30 students per week.

DURATION

8 to 10 sessions of 1 h per week, per university student (52 students per year), per school year (around 30 weeks)

TIMELINE

School years of 2020/2021 and 2021/2022, with an average of 30 weeks per year. In 2019/2020 there was also a pilot that took place between May 2020 and July 2020

PEOPLE ENGAGED

Directly engaged:

- 3120 primary students corresponding to 93600 interactions (interaction rate: 30)
- 104 teachers corresponding to 3120 interactions (interaction rate: 30)
- 26 school heads corresponding to 52 interactions (interaction rate: 2)
- 104 university students



Figure 3 – 4: Photos from the Studenten voor Educatie tutoring sessions.

01 Research Monitoring and Evaluation Programme

SHORT DESCRIPTION

OSHub-NL set up a research programme to assess the effects of the Studenten voor Educatie project in collaboration with the Haagse Hogeschool, Inclusive Education research group within the Centre of Expertise Global and Inclusive Learning.

This research program had mainly three objectives.

To inform project implementation and decision making, at the process, output and outcome level;

To allow for informed adaptation during implementation and future scaling of the project based on emerging evidence and learning;

To facilitate collective learning, both internally and with external stakeholders where relevant and desired.

This research involved both quantitative and qualitative tools. Interestingly, in one of these tools – art-based mapping – the university students took the role of the researcher, thus promoting their sense of ownership and sparking their interest in research. This tool and how to implement it is described in the *OSHub website*.

DURATION

The research program took place during the school year of 2020/2021

TIMELINE

Continuous

PEOPLE ENGAGED

Directly engaged:

- 1020 primary students corresponding to 2040 interactions (interaction rate: 2)
- 34 teachers corresponding to 68 interactions (interaction rate: 2)
- 2 researchers corresponding to 6 interactions (interaction rate: 3)
- 34 university students

Resources

- **Art-based mapping**

The art-based mapping evaluation method was implemented in the context of the Studenten voor Educatie as one of the research instruments of the Monitoring and Evaluation Program developed by

the Centre of Expertise in Global and Inclusive Learning at The Hague University of Applied Science.

— The guidelines for this evaluation method can be found in the *OSHub website*.

- **Website of Studenten voor Educatie**

— Website with description of the project, team and instructions for recruitment of university students: *here*



Figure 5: Example of an Art-Based Map created by a student.

Dissemination and Communication Activities

ACTIVITY TYPE	# ACTIVITIES	INFORMATION ABOUT ACTIVITIES
Organisation of a Conference	1	OSHub Summit ¹

Organisation of a Workshop	12	<ul style="list-style-type: none"> • (10) OSHub Inspiration Sessions (in collaboration with OSHub partners) • (1) OStogether Inspiration Session – organiser and participant #7 • (1) Ars Electronica Festival – A New Digital Deal <p>Detailed information in the document in the footnote²</p>
Press release / Articles in media outlets	9	<ul style="list-style-type: none"> • Press release written by P1-ULEI³ • Article in local media⁴ • Article in local media⁵ • Article from the Ministry of Education, Culture and Science⁶ • Article from De Haagse Scholem⁷ • Article from Kennis Maken Den Haag⁸ • Article from a school⁹ • Article from Leiden University¹⁰ • Article from Leiden University¹¹ • Article from Leiden University¹²
Training	9	<p>Training Program for University students</p> <p>Detailed information above</p>
Social Media	-	<ul style="list-style-type: none"> • OStogether Facebook: 9 posts about OSHub • OStogether Twitter: 18 posts about OSHub <p>Detailed information in the document in the footnote¹³</p>

2 Conferences & Events

3 https://docs.google.com/document/d/1DEBdXeV2Cstvy80i2nENOD9vS9OUW_7u8-bgmjRo6lw/edit?usp=sharing

4 <https://www.ad.nl/den-haag/studenten-geven-les-via-laptop-ongelijke-kansen-in-onderwijs-waren-al-voor-de-corona-crisis-grote-zorg~abe45cb0/?referrer=https%3A%2F%2Fwww.google.com%2F&referrer=https%3A%2F%2Fwww.google.com%2F&referrer=https%3A%2F%2Fwww.google.com%2F>

5 <https://lokaalonline.nieuws.nl/2022/01/28/haagse-educatieve-agenda-2022-2026-gelijke-kansen-actueler-dan-ooit/>

6 <https://www.ocw-verhalen.nl/verhalen/bijzondere-initiatieven-in-het-onderwijs>

7 <https://www.dehaagsescholen.nl/nieuws/werkdruk-verlichten-ten-tijde-van-het-lerarentekort/>

8 <https://www.kennismakendenhaag.nl/projecten/het-open-leerplein>

9 <https://www.obswaterland.nl/waterland-journaal-3/>

10 <https://www.universiteitleiden.nl/nieuws/2021/10/onze-studenten-zijn-rolmodellen-voor-jonge-haagse-kinderen>

11 <https://www.universiteitleiden.nl/nieuws/2021/07/ondertekening-verbond-van-zuidwest>

12 <https://issuu.com/universiteit-leiden/docs/over-ons-2022/s/14776893>

13 Social media channels and calendar

Website	4	<ul style="list-style-type: none"> • Web page in Leiden University website¹⁴ • Studenten voor Educatie website¹⁵ • Web page in Stichting brede buurtschool Den Haag (local partner) website¹⁶ • Web page of a Study Association website¹⁷
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Participation to a Conference	10	<ul style="list-style-type: none"> • RELOGIA Conference: Art + Science + Technology • SciShops Symposium • 9th Living Knowledge Conference • Ars Electronica Festival 2020 • ECSITE 2021 • Living Knowledge Festival • 8th LSME International Research Conference on Sustainable Development and Education • ESERA • Ars Electronica Festival – A New Digital Deal 2021 • ECSITE 2022: main conference <p>Detailed information in the document in the footnote¹⁸</p>
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Participation to a Workshop	2	<ul style="list-style-type: none"> • 1st PULCHRA workshop: Educational methods in support of science and science education for Cities as Urban Ecosystems • ECSITE 2022: pre-conference <p>Detailed information in the document in the footnote¹⁸</p>
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Participation to an Event other than a Conference or a Workshop	2	<ul style="list-style-type: none"> • OSHub Inspiration Session #7 • OStogether Inspiration Session #7
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14 <https://www.universiteitleiden.nl/en/research/research-projects/science/strw-studenten-voor-educatie---students-support-primary-schools-in-reducing-backlogs-due-to-covid-19>

15 <https://www.studentenvooreducatie.nl/>

16 <https://www.sbbdenhaag.nl/studenten-voor-educatie/>

17 <https://www.chemischdispuutleiden.nl/post/studenten-voor-educatie-word-tutor-het-basisonderwijs>

18 Conferences & Events

Video/Film	3	<ul style="list-style-type: none"> • “What is Open Schooling?” (made by the consortium)¹⁹ • “Why would you encourage a peer to take part?”, featuring a local partner²⁰ • “What do I need to know to get started?”, conversation between an “experienced partner” and a newcomer²⁰
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Participation in activities organised jointly with other EU project(s)	7	<ul style="list-style-type: none"> • 1st PULCHRA workshop: Educational methods in support of science and science education for Cities as Urban Ecosystems • ESERA • 8th LSME International Research Conference on Sustainable Development and Education • ECSITE 2022 pre-conference • ECSITE 2022 main conference • OSHub Inspiration Session #3 • Joint OSHub #4 and OStogether Inspiration Session #1 <p>Detailed information in the document in the footnote²¹</p>
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Other	2	<ul style="list-style-type: none"> • Studenten voor Educatie in the Education Agenda of the Municipality of the Hague²² • OStogether newsletter²³, with a special focus on #1, #2, #4, #8, where OSHub is featured
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19 <https://opensciencehub.net/index.html>

20 https://opensciencehub.net/local_OSHub_NL.html

21 Conferences & Events

22 https://www.ontwikkeldoorindenhaag.nl/wp-content/uploads/sites/37/2022/04/RIS311077_Bijlage_Haagse_Educatieve_Agenda_2022-20261.pdf

23 https://opensciencehub.net/ostogether_newsletter.html

Legacy

Studenten voor Educatie started as a pilot with 4 schools and 8 mentors in the spring of 2020, and it has become a citywide facility with over 50 primary schools. In addition, it is anchored within The Hague's educational agenda until 2026 and receives municipal support. For this, the experience, expertise and connections of the partners involved – Municipality of the Hague, Stichting Brede Buurtschool, School Boards from the Hague – , as well as the involvement of the Local Councillor since the beginning, were fundamental to create the conditions for ensuring both financial and institutional sustainability.