

The TKI scheme

All information about setting up a TKI project with Deltares



Stimulation of joint R&D by the Dutch government

The Dutch international trade and industry thrives but at the same time it faces major social challenges that require collaboration to make a real difference. Therefore, the Netherlands encourages and invests in joint research within top sectors, missions for the future and key technologies. The collaboration between representatives of business, science and government strengthens the economy with innovations, by exploiting international opportunities, solving societal challenges, and increasing human capital.

In total there are ten top sectors, which contain one or more Top consortia for Knowledge and Innovation (TKIs). Within each TKI, a budget is available joint research. This budget is called Public Private Partnership (PPP) program allowance and is used by entrepreneurs as well as scientists to look for ways to bring innovative products and services to the market. The total private investment in the research programs of knowledge institutes forms the basis for the generation of the PPP program allowance by the Dutch government. In principle, this allowance will in turn benefit the research program because it can be used for new public-private partnerships.

For more information see

www.topsectoren.nl

Help strengthening our joint R&D!

You know Deltares as an applied research institute in the field of water, subsurface and infrastructure. Deltares wants to (continue to) play a leading role in providing solutions for the major societal challenges of today and tomorrow. We take the social agendas and missions as the starting point for all our activities and can only achieve these important missions in collaboration with clients, other knowledge institutions and market parties. Deltares participates in the following six TKIs:

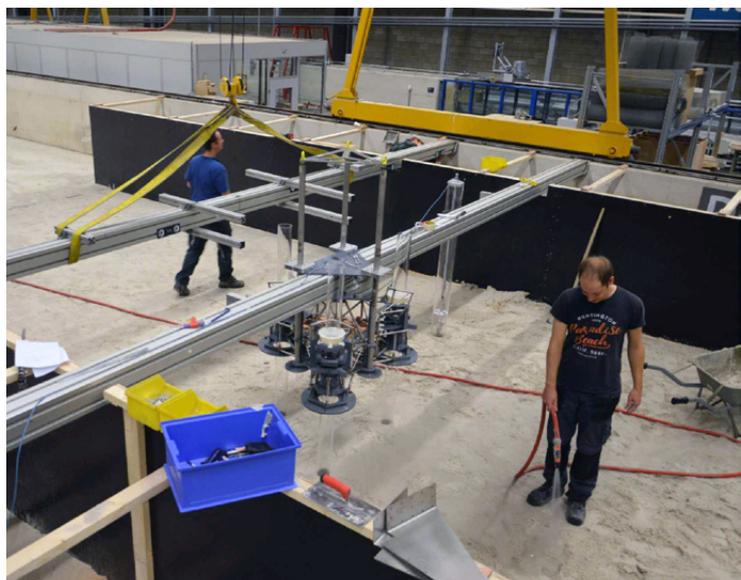
- [Delta technology](#)
- [Water technology](#)
- [Maritime](#)
- [Urban Energy](#)
- [Wind at Sea](#)
- [Agri and food](#)



How does it work and who can participate?

Every year, Deltares has the option of deploying approximately 4 million euros of PPP program allowance in collaborations with private and public partners. These projects must focus on societal challenges as detailed in the Knowledge and Innovation Agendas (KIA) and Multi-annual Mission-driven Innovation programs (MMIPs). Examples of this are the [KIA LWV](#) or the [KIA Energy and Sustainability](#). The program allowance cannot be allocated to one-on-one contract research and hence can only be used for pre-competitive knowledge development in new projects in which all parties contribute and collaborate and where at least private parties are involved. As a public or private partner, you can take the initiative for a new collaboration that fits within the agendas of the above TKIs by contacting Deltares ('market-pull'). On the other hand, Deltares researchers are also constantly seeking contact with relevant parties to advance innovations together ('technology push').

Participating knowledge institutes receive 25, 50 or 100% PPP program allowance for each euro spent or hour contributed, depending on the research type of



the collaboration project (experimental, industrial, and fundamental, respectively). Deltares only conducts limited fundamental research to acquire new knowledge without practical application (TRL levels 1-2). The focus is mainly on industrial research (TRL levels 3-6) and experimental development (TRL levels 5-8).

Industrial research concerns the generation of new knowledge and skills that are required to develop or improve products, processes, or services. Within experimental research, existing knowledge and skills are used to design new or improved products, processes or services that are not intended for commercial use.

The PPP program allowance can be used under the following conditions. For more information, see the TKI scheme on the website of [RVO](#):

- PPP program allowance is available in collaboration with both private and public parties (national and international).
- PPP program allowance is given on the contributions of private parties such as companies (NV, BV, etc.) and ANBIs (NGOs). ProRail (although 100% publicly owned) is also private (BV).
- Also, public parties such as water boards, Rijkswaterstaat and municipalities are also eligible for PPP program allowance (subject to conditions).
- Contributions from public parties cannot be used as a basis for the allocation of new PPP program allowance.



What's in it for me and what are the requirements?

- On the one hand you can take the initiative to start a new research project and on the other you can be approached to contribute to a research project. In both cases you can steer the direction of the research.
- The project concerns a public-private partnership with at least 1 research institute and at least 1 private company (no contract research). (Semi-) Governmental institutes may also contribute.
- Depending on the type of research, between 25 and 100¹% of the research costs are reimbursed and you (and/or other private partners) contribute to at least 10% of the project budget in cash or in-kind.
- The project will last a maximum of 5 years and has been formalized in a cooperation agreement in which Deltares has been appointed as the executing party.
- The project has clear links with the Knowledge and Innovation Agenda (KIA) of the relevant TKI.

How does the application for a project work?

The research institute (Deltares) submits the application for the use of PPP program allowance within a collaboration to the relevant TKI. Depending on the TKI, this is done either in several rounds per year or through specific calls. At the TKI, the proposal is assessed by a committee consisting of members of various TO2 institutes. Based on the advice of the assessment committee, the board of the TKI takes a formal decision on the project proposal and whether a subsidy is awarded.

¹ For TKI Wind at Sea & Urban Energy there is an 80% PPP program allowance for fundamental research.

What about IP and confidentiality?

The knowledge and results developed by the research institute (Deltares) within new collaborations are owned by the research institute and are made publicly available after the project has ended. The background information and knowledge provided by participants is of course not shared. IP and confidentiality are recorded in the cooperation agreement. The main points of this are as follows:

- All parties receive the project results in the form of reports. The results of collaboration that do not contain intellectual property rights can be widely disseminated.
- All intellectual property rights arising from the activities of the research institute are fully assigned to the research institution.
- The research institute can transfer the intellectual property rights arising from the project to one or more other parties in exchange for a market-based fee. Any contributions to the creation of the relevant intellectual property by the acquiring parties will be deducted from the fee.
- All parties have the right to use the background knowledge (existing knowledge) made available by the other party for themselves, but only

Deltares wants to (continue to) play a leading role in providing solutions for the major societal challenges of today and tomorrow

for the benefit of the execution of the project. Contributed knowledge will not be made available to third parties without prior written consent of the party submitting the information.

- Confidential knowledge and information made available to the project will be kept secret by all parties and will not be used for any purpose other than the execution of the project.

Meer informatie
tki@deltares.nl



Deltares is an independent institute for applied research in the field of water, subsurface and infrastructure. Throughout the world, we work on smart solutions, innovations and applications for people, environment and society. Deltares is based in Delft and Utrecht.

Deltares
PO Box 177
2600 MH Delft
The Netherlands

T +31 (0)88 335 8273
F +31(0)88 335 8582
info@deltares.nl
www.deltares.nl