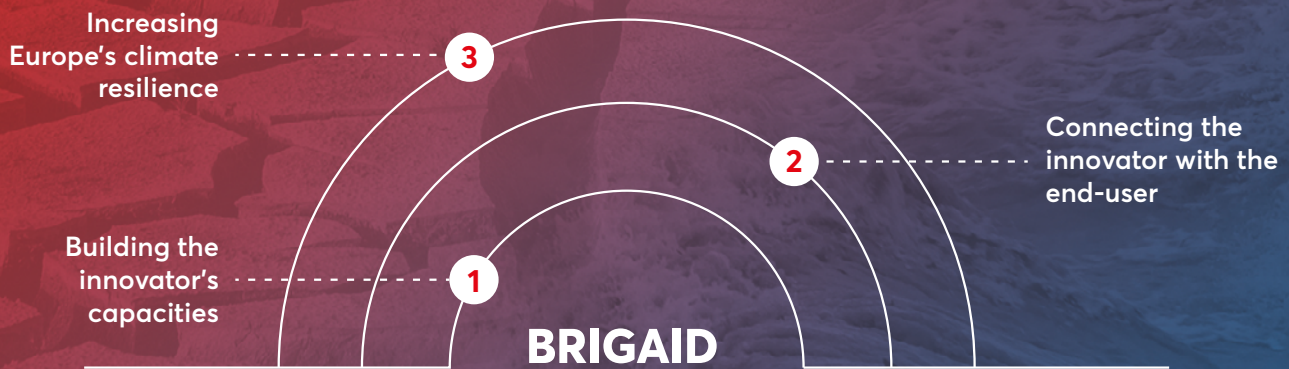


INNOVATION FOR A CLIMATE RESILIENT FUTURE:

building the capacities and networks of European climate innovators



Bridging the Gap for Innovations in Disaster Resilience

The BRIGAIID project created impact by improving the technological and market readiness of innovative solutions to droughts, floods and extreme weather. The **BRIGAIID Market Analysis Framework (MAF+)**, an online system for remote collaboration, was used to train 21 innovators in strategy development and exploitation. It lives on for free online access and as part of BRIGAIID CONNECT, a follow-up to the BRIGAIID project that will continue to drive climate resilience through innovation.

The EU is pledging public investment to trigger breakthrough innovations in climate adaptation and disaster risk reduction. It recognises that while innovations could significantly increase Europe's climate resilience, most fail to reach the market. Often, this is due to insufficient consideration of social acceptability, wider environmental impacts, and end-user needs.

BRIGAIID bridged this gap by demonstrating an integrated innovation support program for SMEs and university spinoffs who work on new technologies, sustainable solutions and disruptive inno-

vation for climate adaptation. On the technical end, this entailed expert guidance, funding and infrastructure for prototyping and testing their ideas. On the strategic planning end, it included personalized training and info products to help innovators translate science into positive social, environmental and economic impact. BRIGAIID also hosted eight Communities of Innovation where innovators, end-users, and potential funders engaged in the co-design of solutions that were customized to local contexts.

Building the strategic skills of climate-adaptation innovators: the Market Analysis Framework

The [BRIGAIID Market Analysis Framework \(MAF+\)](#) played a central role helping innovators understand and reach their market. The framework is an online collaboration system conceived to train inventors, engineers and scientists to conduct methodical assessments of the market for climate-adaptation solutions. The project team used it to upskill 21 innovators from Albania, Germany, Italy, the Netherlands, Portugal, Romania and Spain. Interdisciplinary BRIGAIID research on

Europe's adaptive capacity, hazard potential and exposure to climate-related disasters informed these trainings.

The organizations supported through the BRIGAIID training program were all SMEs or university spin-offs. Their innovations ranged from physical infrastructure elements designed to address specific local challenges, to digital solutions that harnessed newly available digital data.

Some examples are:

- **Bluebloqs** – a nature-based solution that manages both heavy rainfall and droughts by collecting, treating and retaining urban run-off at building, street or neighborhood level, simultaneously regenerating social infrastructure. BRIGAIID helped the Dutch SME [Field Factors](#), which founded Bluebloqs in 2016, secure new projects such as the Zorrilla Football Stadium, and new funding.
- **Evapocontrol** – floating, recyclable polyethylene disks that act as a solution to evaporation of agricultural water reservoirs. In addition to testing support, BRIGAIID's strategic development support helped Evapocontrol's founders [Arana](#) to win European SME Instrument funding.
- **FireAd** – an ICT-desk solution that informs forest managers regularly on wildfire risk to protect human health and well-being. The tool generates maps of wildfire (or ignition) risk probability based on digitally-available data on weather indices, landscape metrics, and vegetation loads. BRIGAIID supported FireAd's innovators to spin off from the [Centre of Applied Ecology \(CEABN\)](#), University of Lisbon, and find paying customers in the wood and pulp industry.
- **GM4W** – an integrated system that rethinks water management by using low-cost global positioning receivers to gather continuous, local-level water vapour data to predict heavy rainfall events. GM4W was created by [Geomatics Research & Development \(GRoD\) srl](#), a spin-off of the Politecnico di Milano.

Innovators positively evaluate BRIGAIID's training program and framework

Surveyed innovators found the Market Analysis Framework fit-for-purpose and the BRIGAIID training program impactful. Respondents scored the usefulness of the online collaboration system at an average of 4.3 out of 5. They signalled that the

personal support from the BRIGAIID project team helped them to structure their thinking and further develop their strategy. All respondents would recommend the program to others, noting that:

"The BRIGAIID support enabled us to explore a market scale up in Europe and worldwide"

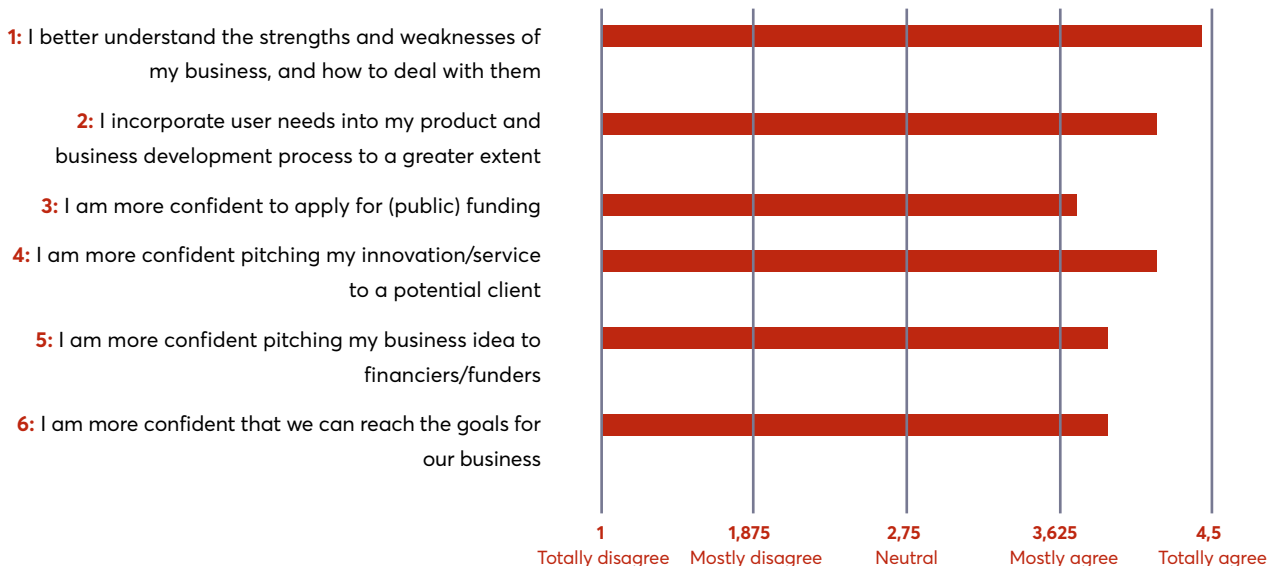
Alessandro Delucchi, Innovator from ARTYS

"The most valuable part were the discussions that we had. The MAF+ framework facilitated these and recorded our new insights"

Alexander van der Kleij, SolarDew Innovator

"The MAF+ pushed us to engage with clients... and we are changing our offering to match their needs"

Dr. Conceição Colaço, FireAd innovator



* Innovator survey results:

What impact did the business support program of BRIGAIID have for you?

Ensuring life beyond BRIGAIID: Relaunching the Market Analysis Framework

The BRIGAIID Market Analysis Framework remains online and free for climate-adaptation innovators wanting to develop their strategic skills. Building on user feedback over the last year of the project, BRIGAIID relaunched the online collaboration system to improve its functionality and usability beyond BRIGAIID. Its continued exploitation is now secured via two new Horizon 2020 projects

(Digital Water City and BE-Rural). In addition, members of the BRIGAIID consortium are launching BRIGAIID Connect, an association that aims to extend the BRIGAIID legacy by supporting local authorities and innovators across Europe to develop, demonstrate and scale up locally-adapted climate resilience innovations and accelerate Europe's climate resilience transformation.

Learn more

- <https://maf.brigaid.eu/> – See how the Market Analysis Framework builds the strategic skills of climate adaptation innovators for free online.
- <http://brigaidconnect.com/> – Find out how BRIGAIID CONNECT keeps BRIGAIID alive by finding and helping innovators turn their ideas into real climate adaptation solutions.
- <https://brigaid.eu/> – Learn more about the whole BRIGAIID project and how it bridged the gap between innovators and end-users in resilience to floods, droughts and extreme weather.
- [Deliverable](#) – For more detail on the development and evaluation of the Market Analysis Framework, read the full deliverable.
- [Contact us](#) – For more information, contact Gerardo Anzaldúa, Gerardo.anzaldua@ecologic.eu.



BRIGAIID

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IN DISASTER RESILIENCE

Contact details:

Roelof Moll:

J.R.Moll@tudelft.nl

www.brigaid.eu



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