



REPORT 2021

International list of Artificial intelligence solutions for sustainable development for the benefit of humanity



Centre Under the auspices of UNESCO IRC

International Research Centre of Artificial Inteligence

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* VillageCapital





- 1. The International Research Centre in Artificial Intelligence (IRCAI) was founded by the Government of Slovenia as the UNESCO AI arm in 2020 and approved at the 40th session of the General Conference, where 193 UNESCO Member States supported the establishment of the Center.
- 2. It is inspired by the international work in the field of AI by an ecosystem of high-level institutions and researchers involved in scientific, industrial and policy actions working directly with UNESCO and set up to showcase the use of Artificial Intelligence for the benefit of humanity.
- 3. The Center is independent and acts as a clearing house for Excellent Research to scale up into spin-offs and is exploring ways of creating an ambitious and realistic AI Global Research Agenda, to mobilize the World's AI community to tackle United Nations Sustainable Development Goals (SDGs).



IRCAI is a part of a wider Ecosystem



Its current initiatives envisage the Center as a coordination point, funding route, and exploitation accelerator for approaches to the SDGs that make use of Al.

At the core of the Center are Program Committees around different Grand Challenges which put scientific quality first.

These are the fora made of AI and domain experts where individual international projects from any Region or Community are reviewed, approved for adoption, and prioritized for funding.





 At IRCAI we wish to contribute to the SDGs by making the world's largest sustainable solutions platform even more effective and impactful. To this aim, we launched a call for the World's Most Promising Artificial Intelligence Projects advancing the United Nations SDGs and enter the Global Top 100 list.

The Global 100 list

- 2. The IRCAI <u>Global Top 100 list</u> wants to empower those entrepreneurs, thinkers and researchers, and specifically projects using AI that otherwise could not reach visibility in global markets, have a meaningful impact or have a voice.
- 3. Furthermore, IRCAI produced an analysis on the most compelling cases and breakthrough projects which have a particular focus on measurable impact on Sustainable Development. These outstanding 10 projects will also receive support with training, advisory, networking and mentoring activities.
- 4. The IRCAI <u>Global Top 100 Report</u> is structured as a high visibility opportunity and relevance with focus to specific usages of AI. We aim to showcase the state-of-the art solutions that need already be proof of concepts in some of the most challenging and exciting problems in Development with Artificial Intelligence, not only in the Global South but the Global North as well.



Check our Report!

We've got applications coming from:

- 34 countries
- 71 industries
- 17 sustainable goals
- 4 categories
- Projects: Outstanding, Excellent, Promising and Early Stage



https://ircai.org/global-top-100-outstanding-projects/results/





Results – Geographical and Sectoral Analysis

















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The applications in the 'outstanding' category were presented on Friday, February 18, at an event organized jointly with the Permanent Mission of Slovenia at United Nations, <u>see here</u> The event is available on IRCAI's YouTube channel at this link.

