◤↗ Tech4Good Global Challenge #1: Energy for Ukraine

Tech4Good Global Challenge #1: Energy for Ukraine Announces Results of Its First Open Call

December 17, 2024 – Madrid, Spain – In response to the devastating energy crisis caused by massive Russian attacks on Ukraine's energy infrastructure during the ongoing war, **Tech4Good** held its first global initiative to seek innovative energy solutions.

Tech4Good Global Challenge #1: Energy for Ukraine addresses **the critical need for sustainable energy solutions** during Ukraine's harsh winter months, as **over 10 million people** face widespread blackouts and severe power shortages.

From October 15 to November 15, 2024, **startups, SMEs, and innovators worldwide** were invited to submit proposals via the www.f6s.com platform, a key network partner of the initiative.

75 companies from across the globe responded, showcasing a range of creative solutions to bolster energy resilience in Ukraine.

Following an extensive evaluation process and interviews, **7 projects** have been selected to feature in the official catalog of energy innovations that could be implemented in Ukraine.

The selected projects offer cutting-edge solutions tailored not only to Ukraine's current energy crisis but also with the **potential for adaptation in other regions impacted by conflicts or natural disasters**:

1. **From Greece – BIO2CHP** – Enables the use of raw residual biomass for on-site and small-scale heat & power production, transforming waste into a valuable commodity while decreasing energy and waste disposal costs. https://www.bio2chp.com/
2. **From Iceland – Icewind** – Robust micro vertical-axis wind turbines to power communication towers, weather and seismic stations, emergency systems, lighting, and on-grid and off-grid lodgings. All products are tested in Iceland, one of the windiest places on Earth. https://icewind.is/
3. **From Ireland – GKinetic Energy Ltd** – Simple, modular turbines that generate clean, reliable energy from free-flowing water. https://gkinetic.com/

4. **From Italy – PhotonSolarSystems** – A revolutionary device capable of providing reliable energy in any condition, especially during natural disasters and emergencies. https://www.photonsolarsystems.com/
5. **From Japan/Luxembourg – Flexibuster by AC Biode and SEaB Energy** – Onsite methane power generation & plastic and organic waste catalytic decomposition into hydrogen and more. https://acbiode.com/
6. **From Spain – MY SOLAR PLANT by Xizan** – A solar generator for self-consumption at home and wherever you go. https://www.xizanenergy.com/
7. **From the UK – Olsights** – A regional spatial energy planning toolkit to screen good locations for matching energy supply with demand, integrating geothermal & renewables potential, infrastructure, geography, and socio-economic indicators for decision-making. https://olsights.com/

Next Steps of Tech4Good Initiative:

- **KYC procedure:** Ensuring compliance with legal and regulatory standards, prevents fraud, and establishung trust, explicitly excluding participants or connections associated with russia.
- **Fundraising:** Helping to secure financial support for the selected companies from donors, venture capitalists (VCs), and corporate sponsors.
- **Implementation:** Facilitating regulatory processes and deployment of these technologies in Ukraine.
- **Collaboration with Key Stakeholders:** Tech4Good is working closely with **the Embassy of Ukraine in the Kingdom of Spain** to ensure these projects receive the necessary support to make a tangible impact. The catalog of selected innovations will soon be published, paving the way for swift action in the coming months. The initiative is supported by **Sikorsky Challenge**, **F6S.com,** & **ITKey.Media**.

Tech4Good – a private initiative of independent experts in the tech sector, energy, public and government relations, united by a common goal of helping Ukraine through the #Tech4Good and #Tech4Humanity approach.

Proven by Ukraine today, resilience for the world tomorrow.

For more details please visit the official website: www.tech4goodchallenge.org

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