**Description of the project:**
Since 2018, the Solar Age project supports Syrian women refugees in Turkey. The Solar Engineering Course, a 10-day theoretical and practical training in solar energy, benefitted 200 women refugees. Among them, 20 have also been trained to build EFE (Energy For Everyone) solar batteries, which are sold on the local market to generate revenues. The EFE batteries are specifically designed for the needs of refugees. They integrate a flashlight for SOS signals and provide an autonomous source of energy for mobile phones to facilitate life-saving communication. The program additionally offers educational and language courses to children refugees.

**TRANSFORMATIVE OUTCOMES**

### Climate impact
- Promoting renewable energy through solar panels and EFE-Battery
- Training of new technicians in solar technology

### Gender impact
- Access to local jobs for women refugees through links with Turkish solar enterprises
- Financial autonomy for women working as EFE battery manufacturers
- Childcare to reduce women’s burden of care and enable their attendance to the training

### Scalability / replicability
- International partnerships with other organisations: a replication project was launched in Bosnia just before the COVID crisis
- Train-of-Trainers allowing beneficiaries to take ownership of the program

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**Loan insights: de-risking business loans for climate micro-entrepreneurs with a gender lens**

**Description of the project:**
As of 2019, a loan insight software company, Aeloi Technologies, has helped fifty women access affordable financing through an innovative digital token loan system. As a pilot project, Aeloi software tracks impact sector funds, with the goal of bridging the financing gap for 700,000 climate entrepreneurs. They have successfully lowered per-unit costs and de-risked loans in the electric minibuses – “safa tempo” industry of Kathmandu and now target the agriculture sector. Because financial technology - fintech - is male dominated, Aeloi Technologies currently supports women entrepreneurs to increase their business assets and income, get rid of toxic interest rates, gain decision making power and social freedom.

**TRANSFORMATIVE OUTCOMES**

### Climate impact
- Promotes carbon credits for local business ecosystems
- Old “safa tempo” minibuses are upcycled with electric batteries. Expected GHG emissions reduction of 94,561 t CO₂ per year over the next ten years

### Gender impact
- Increases women’s access to formal financial systems, lowering interest rates
- Training materials designed for unschooled women who are financially excluded

### Scalability / replicability
- Replicable software model that can be applied in many sectors and micro-small and medium businesses (MSMBs)
- Organisation will launch a second product, ReGrow, targeted at sustainable agricultural entrepreneurs

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