



People for development



CLIMATE CHANGE

SDG13 aims to “take urgent action to combat climate change and its impact”

The evidences show that **the solution of this massive problems lies with decisions, supports and policies implemented by local governments** as it happens for AIDS, malaria, climate change and other global matters. **Market driven and self-sustainable solutions** have been experienced serious constraints.

Nevertheless, people and CSOs can and should significantly contribute to this crucial engagement:

- **MITIGATIONS MEASURES** are those actions that are taken to reduce and curb greenhouse gas emissions. *Mitigation attends to the causes of climate change*
- **ADAPTATION MEASURES** are based on reducing vulnerability to the effects of climate change. *Adaptation addresses climate change impacts.*

How AVSI is contributing to mitigate climate change?

Avoiding the increase of pollutant emissions: promoting ENERGY EFFICIENCY, RENEWABLE ENERGY, and CERTIFIED EMISSIONS REDUCTIONS (carbon finance).

How AVSI is promoting adaptation to climate change?

Helping reducing vulnerability to the consequences of climate change: more secure facility locations and INFRASTRUCTURES (including SLUM UPGRADING, sustainable URBAN DEVELOPMENT and COMMUNITY RESILIANCE programs); REFORESTATION; Flexible and diverse cultivation to be prepared for natural catastrophes (AGRICULTURE).

AVSI is currently implementing the following projects' activities/components:

- 33 concerning Awareness raising, education and policy elaboration
- 26 Agriculture and water
- 19 Energy
- 10 Infrastructures, urban development, slum upgrading
- 5 Waste management
- 1 Reforestation

45% of the approx. 150 current AVSI's projects, in 31 Developing countries, includes at least one activity/component that supports the mitigation or adaptation to climate change impacts.

Case study 1 - AVSI AND TREEDOM IN HAITI (2012-2019)

- Raised social awareness about trees role in family sustaining and in environmental protection (n. 476 farmers trained and more than 2.000 family members sensitized)
- Increased tree cover in the southern department of Haiti (n.162.800 trees planted)



Case study 2 – CLEAN COOKING in Mozambique and Uganda (2014-2019)

- Over 45.000 ICSs distributed/sold
- Over 240.000 beneficiaries
- 150.000 t CO2 emissions reductions per year
- 1 CDM and 1 Gold Standard PoA registered for ICSs distribution in Africa



Case study 3 – HUMANITARIAN SETTINGS IN UGANDA (2017-2019)

- Establishment of demonstration gardens/learning sites where farmer groups (over 25 groups / 1.000 individuals) receive trainings and technical assistance;
- Creation of pilot irrigation systems using treadle pumps and water jacket (harvesting raining water) at the demo gardens;
- Provision of agriculture inputs (vegetable and crop + tools) to over 1200 households to support the creation of home gardens;
- Nutrition education sessions and demonstrations on clean cooking techniques to complement the food security strategy (2,852 individuals reached);
- Establishment of domestic gardens (1 hectare – 200 HHs) with access to water supply all year round for irrigation (motorized boreholes);
- Tree seedlings planting – 500 HHs
- Sustainable business skills orientation for farmers

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