



International Workshop and Discussion

Voluntary Agreements with Industry – EU Experience in energy efficiency



Marco Matteini

UNIDO Department of Energy

Ministry of Economy and Sustainable Development
3 July 2019, Tbilisi, Georgia



Project at a Glance

Title: Reducing greenhouse gases (GHG) emissions through improved energy efficiency of industrial sector in Georgia.

Objective: Reduce GHG emissions and improve productivity of Georgian industry through improved energy efficiency and stronger services market.

Donor: Federal Ministry for Sustainability and Tourism of Austria



Implementing Agency: UNIDO

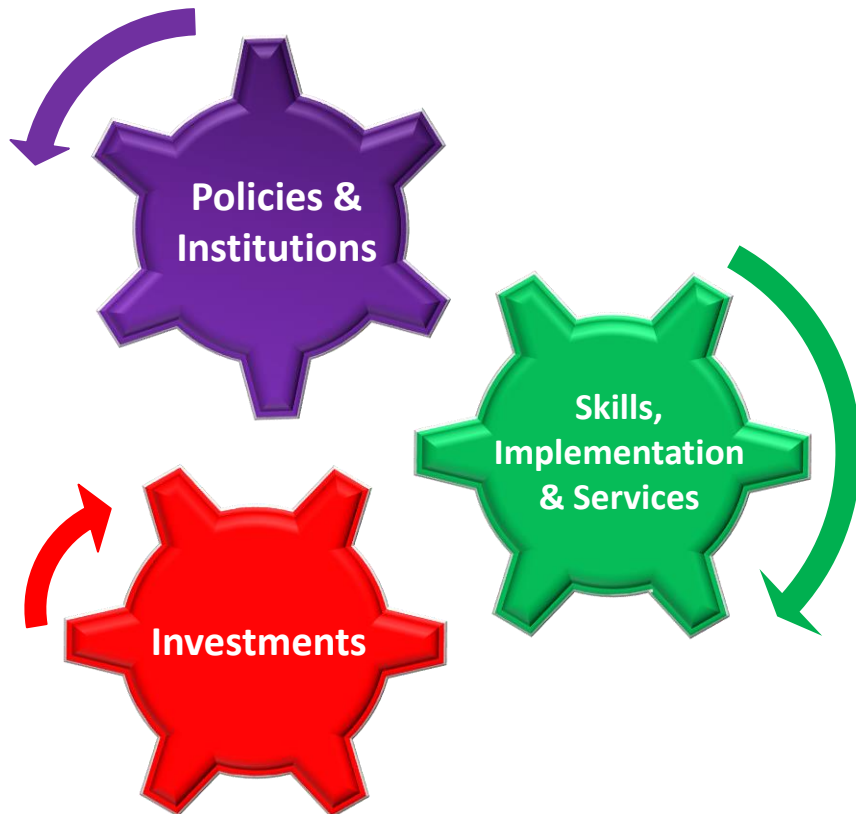
Executing Partners: Austrian Energy Agency, Min. of Economy and Sustainable Development of Georgia, Min. of Environment Protection and Agriculture, Georgian industries, Georgian consultants, others.

Budget: € 796,460 (without project support costs)

Duration: 3 years (Jan 2017 – Dec 2019)

Project Intervention Logic

IEE Barriers at various levels



Project response

- || ✓ Technical Assistance for IEE Policies and Programs development and institutional strengthening
- || " ||
- || +
- || ✓ IEE market development support through skills and services upgrade, pilot implementation and demand creation
- || " ||
- || +
- || ✓ Partnerships for increasing IEE investments through enhanced capacity and new mechanisms
- || " ||
- ||

Project Structure

Component 1

Policy & Institutions

Outcome 1 - Enhanced policy and programmatic frameworks for promotion and support of industrial energy efficiency.

1. ISO 50001 is adopted & promoted as national EnMS standard
2. Increased knowledge of EE policy-making and policy-implementing institutions about IEE best-practice policies and programmes
3. National IEE Actions with quantified GHG emission reduction targets are developed

Component 2

Market Services, Skills & Implem.

Outcome 2 - Accelerated penetration of EnMS & MSO in Georgia industries and development of a market offer for implementation support services.

1. 25 local EE professionals are trained to provide implementation support and capacity building for
 - ✓ EnMS in line with ISO50001
 - ✓ Motor Systems Optimization
2. Implementation of EnMS & MSO in 10 companies
3. Industry awareness and information availability about IEE BAT and financing

Component 3

Enhancing Investments

Outcome 3 - Development of innovative financing mechanisms (including carbon financing) for investments in IEE and low carbon technologies.

1. Assessment of IEE and climate technologies financing mechanisms
2. Design of an innovative IEE-Climate financing mechanism/products
3. Increased capacity of local financing institutions about IEE and climate investments and financing mechanisms

Project Structure

Component 1

Policy & Institutions

Outcome 1 - Enhanced policy and programmatic frameworks for promotion and support of industrial energy efficiency.

1. ISO 50001 is adopted & promoted as national EnMS standard
2. Increased knowledge of EE policy-making and policy-implementing institutions about IEE best-practice policies and programmes
3. National IEE Actions with quantified GHG emission reduction targets are developed

Component 2

Market Services, Skills & Implem.

Outcome 2 - Accelerated penetration of EnMS & MSO in Georgia industries and development of a market offer for implementation support services.

1. 25 local EE professionals are trained to provide implementation support and capacity building for
 - ✓ EnMS in line with ISO50001
 - ✓ Motor Systems Optimization
2. Implementation of EnMS & MSO in 10 companies
3. Industry awareness and information availability about IEE BAT and financing

Component 3

Enhancing Investments

Outcome 3 - Development of innovative financing mechanisms (including carbon financing) for investments in IEE and low carbon technologies.

1. Assessment of IEE and climate technologies financing mechanisms
2. Design of an innovative IEE-Climate financing mechanism/products
3. Increased capacity of local financing institutions about IEE and climate investments and financing mechanisms



Voluntary Agreements with Industry – EU Experience in energy efficiency

Ministry of Economy and Sustainable Development
3 July 2019, Tbilisi, Georgia

