

Country:	Albania
Request Identification Number:	2015-038/ALB-01

Title:	Regional Energy Efficiency Action Plan for ESD in Albania
---------------	---

Project summary

Provide a brief description (maximum 200 words) of the objectives of CTCN assistance, such as services that will result from CTCN assistance (referred to as outputs) and their likely short-term effects (referred to as outcomes), an indication of the assistance duration, as well as the main in-country partners who will be directly involved in project implementation.

Please note that this summary will be used for communication and knowledge sharing purposes. It should remain brief as the details of the assistance are explained in the subsequent questions.

Albania has appealed to CTCN for support in developing key tools for developing its regional capacity in low-emissions development. In response, and through a combination of technical assistance and stakeholder engagement strategies, CTCN can enable Albania to develop its capacity in both energy efficiency for the Regional Councils of Tirana, Dures and Elbasan; and sustainable development through its Regional Center of Expertise (RCE) on Education for Sustainable Development middle Albania.

There are two central deliverables: (1) develop a Regional Energy Efficiency Action Plan which will support the country in meeting its 2020 National Energy Efficiency Targets and (2) create an Action Plan on Education for Sustainable Development which will help mainstream low-emissions pathways in Albania, particularly at the regional level.

For both deliverables, collaboration with Government Ministries and Regional Municipalities is a critical component.

1. Overview of the assistance

1.1 Objectives (outcomes)

Briefly indicate the expected outcomes (likely short term effects) of the CTCN assistance in the country and/or sector. These outcomes should be directly attributed to the activities of CTCN technical assistance.

- The delivered Action Plan will support Albania's 2020 Energy Efficiency Targets.
- The Action Plan will be included in the overarching Action Plan on ESD for Albania, Energy Chapter, to be distributed in the network of Global 136 RCEs, which implements similar approaches to regional development.
- The Action Plan can be used as an example for other regions in the country, and replicated to similar regions in neighbouring countries in the Balkans, as well.
- Awareness and capacity will be developed in relation to environmental sustainability and the consequences of climate change, in close coordination with the Action Plan on Education for Sustainable Development (SD), specifically within the Energy Chapter.

- Albania will be helped in its endeavour to achieve its EU targets on energy efficiency and the environment.

1.2 Results (outputs)

Briefly indicate the expected outputs (services or products) of CTCN technical assistance in the country and/or sector. These outputs should be directly attributed to the activities of CTCN technical assistance.

- Support the development of a Regional Energy Efficiency Action Plan covering the Regional Councils of Tirana-Durres-Elbasan, focusing on public awareness and education; the nexus of regional and government priorities; and cooperation across the different levels of government. Energy efficiency standards have recently become mandatory creating a timely window for engagement and local-level leadership.
- Support preparation of an inter-regional plan for the three local governments of Tirana, Durres and Elbasan, in connection with national energy efficiency priorities; and create a basis for inter-regional cooperation also in other sectors for regional sustainable development.
- Build capacity and increase awareness related to consequences of climate change, in close coordination with the Action Plan on Education for Sustainable Development, specifically within the Energy Chapter.
- Develop Albania's first local-level action plan for energy efficiency, designed to achieve its 2020 EE targets. Benefit the first inter-regional plan in Energy efficiency with clear action-items for mitigation actions for communities which could eventually be replicated in other regions.
- Help leverage the development of action plans, education and stakeholder engagement strategies in support of energy efficiency.
- Provide training assistance to support the understanding of the Action Plan on Education for Sustainable Development and also for Regional Energy Efficiency Action Plans for stakeholders and local government employees.

1.3 Technology aspects

Briefly describe the technology(ies) supported by the technical assistance, and explain how the CTCN technical assistance will help identify, develop or deploy the specific technology(ies).

Albania's last Technology Needs Assessment cited thermal insulation for public buildings and households as a major priority for the country. Albania recently passed legislation enforcing energy efficiency requirements, and thus implementation of related projects at the local level is pivotal toward achieving emissions reductions.

Energy efficiency planning in Albania is sporadic due to a lack of effective coordination, resulting in 'siloed' initiatives driven by different stakeholders. This disconnect underscores the importance of municipal engagement and the priority of designing a comprehensive stakeholder strategy for the country's regional energy efficiency plans and sustainable development education, expressly in Tirana, Durres and Elbasan. Appropriate design can help align national and municipal priorities and

spur inter-regional cooperation in energy efficiency (e.g. green buildings) and sustainable development education.

In terms of the country's EE ecosystem, there are several core programmes including GIZ's activities to mainstream Energy Efficiency through its Open Regional Fund—Energy Efficiency. In addition, the IFC is facilitating private sector participation in sustainable growth of the economy by investing in energy efficiency. For instance, Albania's residential sector uses more than half the country's electricity supply, representing a huge opportunity to reduce energy consumption. IFC is working with Albanian banks to finance energy efficiency improvements by mobilising loans. In terms of sustainable development education, UNECE has collaborated with the Ministry of Environment.

2. Description of the Assistance

2.1 Activities

Describe the planned activities and sub-activities to be conducted under the assistance, as well as their corresponding deliverables. For each activity, provide of brief descriptions of actions to be conducted as well as their immediate results/usefulness to achieve the expected outputs. Use the following format:

Activity 1 (Information) – Develop information for modelling Regional Energy Efficiency Action Plans (REEAPs) for the Tirana-Durres-Elbasan regions and their alignment Albania's 2018 EE national targets. And build on current Sustainable Development Education information including the efforts of RCE Middle Albania.

Activity 1.1 (Knowledge Baseline) – Albania has an active portfolio of initiatives directed at energy efficiency, climate resilience and sustainable development. Identify applicable programmes to incorporate into deliverables; and applicable information sources. Identify opportunities for synergy. Reference relevant programmes and, where applicable, open communication dialogue.

Activity 2 (REEAPs) – Using knowledge, information and dialogue with key stakeholders, draft Regional Energy Efficiency Action Plans (REEAPs) that take into account the components of dissemination, awareness and education for each of the Regional Councils of Tirana-Durres-Elbasan. The main stakeholders for engagement are the Ministry of Environment, (note: this is the NDE); Ministry of Energy; and the Regional Councils of Tirana, Durres and Elbasan.

While these Action Plans are anticipated to carry elements that reflect each of the three respective regions there is also expected to be a common theme which makes these Action Plans scalable and replicable. Further, ensure that the plan incorporates national priorities on energy efficiency and that it dovetails with existing projects, particularly GIZ initiatives on Monitoring and Verification of EE plans.

Other sources of content should also be considered. For instance, the World Bank's Climate Action for Urban Sustainability (CURB) model could provide a useful framework to guide energy efficiency planning at the regional level in Albania. In addition, develop a multi-disciplinary, multi-stakeholder engagement process will be developed to build capacity and increase awareness for the targeted regions. National level engagement with Ministry of Energy and Ministry of Environment needs to be included to reflect scalability.

Activity 3 (Sustainable Development Education) – construct multi-stakeholder engagement process at a regional to build capacity and increase awareness related to risks from climate change, and the benefits of resilient planning, in close coordination with the Action Plan on Education for Sustainable Development, specifically within the Ministry of Energy.

Activity 4 (Outflow) – Build dialogue with targeted stakeholders on Regional Energy Efficiency Action Plans and their alignment with the goals of Albania's National Energy Efficiency Action Plan.

Activity 4.1 (Workshops) – Administer (3) workshops in Tirana, Durres and Elbasan and one (1) national engagement to build technical capacity, increase awareness and mainstream Energy Efficiency in relation to opportunity, investment and sustainability. These trainings should directly and indirectly follow-on from content and actions emanating from these previous events and initiatives:

- Action Plan on Education for Sustainable Development is the Energy Chapter
- Sustainable Regional Development with focus on Energy Efficiency
- Residential Energy Efficiency Guide
- EE pilot demonstrations (e.g. schools)

Activity 4.2 (Direct Engagement) – Workshops should involve multiple stakeholders for translating national government priorities into uptake at the local level. Stakeholders should include:

- Ministry of Environment
- RCE Middle Albania, Regional Center of Expertise on Education for Sustainable Development Albania
- Department of Renewable Energy and Energy Efficiency, Ministry of Energy and Industry
- Tirana Aarhus Center (located within the Ministry of Environment)
- GIZ (Albania office)
- Meister Consulting Group (Boston office)

Activity 5 (M&E) – Technical evaluation of outcomes and impact. Capture impact of workshops through workshop completion, follow-ups (workshop evaluation) and document (REEAP) development, translations and handoffs. In addition, who is making use of the information.

Activity 6 (Communication) – Codify and prepare documentation (with translations as necessary) for dissemination to client. Also, provide narrative of project to CTCN for website content.

No°	Deliverables	Delivery date
1	Engage NDE of Albania, Ms. Enkelejda Malaj, Head of Transparency & Communication, Legal Department, Ministry of Environment, Albania [Enkelejda.Malaj@moe.gov.al]	Nov 2015
2	Orientation discussions with stakeholders in Albania	Oct 2015
3	Connect with regional government focal points: <ul style="list-style-type: none"> • Kalterina Shulla, Chair, Regional Centre of Expertise on Education for Sustainable Development for Middle Albania, [RCE Middle Albania] [Kalterina.shulla@gmail.com] • Gjergji Simaku, Director, Renewable Energy and Energy Efficiency, Ministry of Energy and Industry[Gjergji.simarku@energija.gov.al] • Plus others 	Nov 2015
4	Convene in-country working sessions to engage regional governments, share information and draft workshop agenda for the three regions. Gender and social inclusion need to be considered in these working	Jan 2016

	sessions	
5	Share workshop content drafts with NDE	Jan 2016
6	Workshops in Tirana, Durres and Elbasan and additional briefs / debriefs with national government	Feb 2016
7	Write-up and document workshops for both REEAPs and Sustainable Development Education	Feb 2016
8	Disseminate workshop outcomes for comment	Mar 2016
9	Finalise and present REEAPs and Sustainable Development Education to regions and national government focal points	Apr 2016
10	Project completion write-up and delivery of all content to CTCN	Apr 2016

2.2 Expertise required

List the expertise required to successfully implement the assistance and reach the expected objectives.

- Energy Efficiency technical expertise — buildings, services, industrial, standards/labelling, finance
- Local Energy Policy expertise – energy sources and price, energy balances, energy demands and supply infrastructure
- Regional Energy Efficiency or Low-Carbon exposure
- Education, specifically related to Sustainable Development and its curricula deployments
- Capacity building at the local level offices and inland regional level
- Local language

2.3 Main partners

List and describe the role of in-country partners who will be involved in the implementation of the assistance in the country.

- Government engagement advisory: Enkelejda Malaj, Head of Transparency & Communication, Ministry of Environment of Albania
- Government engagement advisory: Gjergji Simaku, Director, Renewable Energy and Energy Efficiency, Ministry of Energy and Industry
- Local government engagement advisory: Kalterina Shulla, Chair, RCE Middle Albania on Education for Sustainable Development for Middle Albania
- Knowledge, implementation and MRV: GIZ
- Knowledge development: Meister Consulting Group

2.4 Synergies

Identify past and ongoing public and private sector initiatives at the local, national or regional level that the response will specifically build on and link to.

Activities and initiatives on which to build and connect regional interventions:

- Action Plan on Education for Sustainable Development on the Energy Chapter
- Sustainable Regional Development with focus on Energy Efficiency mainly on services and public building (NEEAP)
- Energy efficient housing for sustainable development, e.g. green buildings and sustainable architecture (UNECE)

- Education for Sustainable Development (UNECE)
- Facilitate energy efficiency lending, financing and loan products (IFC)
- Open regional fund for South-East Europe – Energy Efficiency (GIZ)
- Regional Centre of Expertise on Education for Sustainable Development (RCE Middle Albania)
- Green Energy Efficient Schools for Albania (Arizona State University)

2.5 Timeline

Provide a timeline for the CTCN technical assistance and list specific milestones for each activity. The timeline show the roll out of the activities and sub-activities to be conducted, throughout the whole duration of the assistance

Activity	Month 1				Month 2				Month 3				Month 4				Month 5			
Knowledge baselining																				
Engage stakeholders																				
Prep workshops																				
In-country engagement																				
Convene workshops																				
Workshop write-up																				
Share w/s outcomes																				
Draft Action Plan + Education Curriculum																				
Share Draft																				
Finalise + present final																				
Submit final to CTCN																				

2.6 Indicative budget

Provide an indication on the maximum amount of resources required to implement the assistance.

EUR 65.000-75.000 (see Annex 2)

2.7 Gender considerations

Explain how gender considerations are included within the proposed activities, and also indicate any gender co-benefits that will be gained as a result of implementing this Response Plan.

This project will use Workshops to target regional engagement on energy efficiency. These Workshops need to include gender and social inclusion emphasis reflected in product development, targets and in specific areas such as workshop invitees. In addition, M&E needs to include impact measurement for gender and social inclusions.

2.8 Risk identification and risk mitigation

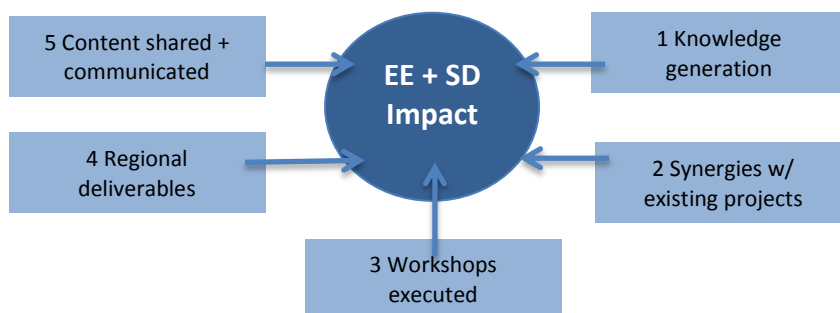
Identify risks that could jeopardize the realization of project outcomes and expected impacts, their probability and how the assistance will mitigate these perceived risks.

Risks	Consequence	Probability	Mitigation
Low quality of initial info and knowledge	Impact on start-up baselines	Low	additional days allowed for knowledge baselining
Connecting with regional stakeholders (evidenced in response planning)	Pushback on Workshop dates	Low	Regional and national governments are key stakeholders; work directly through them and particularly NDE
Workshop execution - translators, documentation	Effectiveness of technical content	Medium	Experts with local language capacity
Scheduling drags	Deliverable delays	Low	Strong project management, sufficient staffing and root cause analysis tools

2.9 Monitoring and Reporting

Provide information on how the monitoring and reporting for the project will be constituted.

- The project is purposefully compartmentalised into micro-stages in order to effectively monitor performance in phases
- GIZ has developed a measurement tool for EE in Albania. This should be consulted in detail
- This is a qualitative project and impact on practitioners will be measured as opposed to impact on EE uptake indicators
- See Logframe Annex 1



3. Long-term impacts of the assistance

3.1 Expected climate benefits

Describe the long-term results (impacts) produced by CTCN assistance, including its contribution in mitigating and adapting to climate change. If possible, insert specific targets.

- Increased understanding of Sustainable Development, Climate Change risks and Low-Carbon planning
- Reduced Energy Intensity (TPES/GDP)
- Reduced Final Energy Consumption
- Bring Albania in-line with average of EU states in terms of energy consumption by sector (see Table 3 of the National Energy Efficiency Action Plan), particularly Agriculture

3.2 Co-benefits

Describe the anticipated economic, social, and environmental co-benefits of the assistance, including contribution to achieving the Sustainable Development Goals.

Among the intended Sustainable Development Goal impacts are SDG Goal Numbers:

3. Health and well-being
7. Access to clean energy
11. Sustainable cities
13. Action against climate change

3.3. Post-assistance plans and actions

If possible, provide indications on specific actions and plans that the country can implement in order to maximize the use of the outputs produced by this technical assistance in achieving the expected climate benefits described above.

4. Formal agreement and signatures

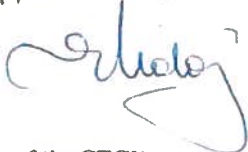
Signatures of the requesting country

For the NDE

Name: Ms. Enkelejda Malaj
Title: Head of Transparency & Communication,
Ministry of Environment

Date: 17/12/2015

Signature:



Signatures of the CTCN

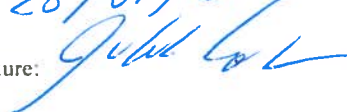
For the CTCN Director

Name: Jukka Uosukainen

Title: CTCN Director

Date: 28/01/2016

Signature:



For the Request Applicant

Name: Gjergji Simaku. (tbd)

Title: Director on Renewables and Energy
Efficiency, Ministry of Energy and Industry

Date:

17-12-2015

Signature:



For the Climate Technology Manager

Name: Harald Diaz-Bone / Patrick Nussbaumer

Title: Climate Technology Manager

Date: 19 January 2016

Signature:



Annex 1: Logframe

Project summary	Objectively verifiable indicators	Sources and means of verification	Assumptions
Overall Objective Develop Albania's capacity at the regional level and align with national, EU targets and Sustainable Development Goals (SDG 3, 7, 11, 13) on energy efficiency and the environment/climate.	Albania's 2020 Energy Efficiency Targets are achieved and knowledge of climate change increased.	Sub-national and national actions and policies on energy efficiency (and climate change) undertaken.	Albania government invests staff and resources toward achieving targets
Specific Objective / Outcome Regional level of knowledge of energy efficiency (and climate change) in Tirana-Durres-Elbasan is developed.	Energy efficiency activities are enhanced in targeted regions.	Energy efficiency activities, as outlined through this knowledge development, are included in Action Plans for targeted regions (REEAPs).	Regional support dedicated to the intervention. Specifically availability of staff from the Ministry of Energy and RCE Middle Albania.
Expected Results / Outputs Regional Energy Efficiency Action Plans (REEAPs) for Tirana-Durres-Elbasan are delivered. The Action Plans will support Albania's 2020 Energy Efficiency Targets.	The delivered REEAPs are accepted by stakeholders, i.e. Ministry of Energy and RCE Middle Albania and shared with national agencies	The REEAPs are included in the overarching Action Plan on Education for Sustainable Development (ESD) for Albania.	Viable inputs provided by stakeholders, i.e. Ministry of Energy and RCE Middle Albania
Activity 1 Develop and provide technical support for the preparation of Development of Regional Energy Efficiency Action Plans for Tirana, Durres and Elbasan	Incorporate locally focused content that forms the core knowledge for REEAPs is generated	REEAPs are developed and approved by key stakeholders: the Ministry of Environment (NDE); Ministry of Energy; and the Regional Councils of Tirana, Durres and Elbasan.	Viable knowledge for the REEAPs is developed through stakeholder consultation (including workshops / trainings)

<p>Activity 2</p> <p>Directly engage stakeholders</p>	<p>Inputs from organisations sourced from key stakeholders</p> <ul style="list-style-type: none"> • Local, sub-national organisations • Local government • Ministry of Environment, Forestry and Water • RCE Middle Albania on Education for Sustainable Development for Middle Albania • Department of Renewable Energy and Energy Efficiency, Ministry of Energy and Industry • GIZ (Albania office) • ONEUN in Albania • World Bank's Climate Action for Urban Sustainability 	<p>Inputs received from these organisations</p>	<p>Availability of these organisations during project period.</p>
<p>Activity 3</p> <p>Hold three multi-stakeholder regional workshops, one each in Tirana-Durres-Elbasan to provide training assistance to support the understanding of the Action Plan on Education for Sustainable Development and also for Regional Energy Efficiency Action Plans for stakeholders and local government employees.</p>	<p>Workshop (and logistics) planned and held with inputs from the Albania Ministry of Energy and RCE Middle Albania. Attendees should include:</p> <ul style="list-style-type: none"> • Local stakeholders • Ministry of Environment, Forestry and Water • RCE Middle Albania on Education for Sustainable Development for Middle Albania • Department of Renewable 	<ul style="list-style-type: none"> • Attendees are targeted stakeholders • Respondents' surveys are positive 	<ul style="list-style-type: none"> • Availability of targeted attendees • Logistics managed

	<p>Energy and Energy Efficiency, Ministry of Energy and Industry</p> <ul style="list-style-type: none"> • GIZ (Albania office) • ONEUN in Albania • World Bank's Climate Action for Urban Sustainability 		
<p>Activity 4</p> <p>Hold briefing session with national government to update on results of workshops</p>	<p>Meeting with Ministry of Environment, Forestry and Water and Department of Renewable Energy and Energy Efficiency, Ministry of Energy and Industry</p>	<p>Attended by relevant national government agencies</p>	<p>Availability of targeted agencies</p>
<p>Activity 5</p> <p>Communicate drafts and final results to stakeholders</p>	<p>Prepare documentation (with translations) for dissemination to client. Also, provide narrative of project to CTCN for website content.</p>	<p>Project content is used for publication (website, annual report, blogs, newsletters, social media, etc.)</p>	<p>Assumption: adequate and applicable content is generated for communication</p>
<p>Activity 6</p> <p>Evaluation of outcomes and impact</p>	<p>Measure impact against targets using follow-ups (workshop evaluation), documentation (REEAP drafts and final), communication products, capacity of key stakeholders to contribute to Albania's National EE targets.</p>	<p>Evaluation is completed and shared</p>	

Annex 2: Budget

The budget template is based on the format required for legal agreements with the CTCN
It should be copied in excel and inserted in Annex 2 when finalized.

Activity	Position	Quantity	Unit	Unit Cost (\$US)	Total Cost (\$US)
		Days	(person days)		
Develop baseline knowledge on content	Project Manager	3	Person day	750	2250
	Technical Energy Staff	1	Person day	750	750
Stakeholder engagement (virtual & in-country) to develop content	Project Manager	5		750	3750
	Technical Energy Staff	5		750	3750
	Local Coordinator/ Facilitator	5	Person day	275	1375
	Local Technical Expert	5	Person day	275	1375
	Consultant (GIZ or Meister)	2		750	1500
Workshops 1 x Tirana, Durres, Elbasan 1 government debrief	Project Manager	10		750	7500
	Technical Energy Staff	5		750	3750
	Local Coordinator/ Facilitator	10	Person day	275	2750
	Local Technical Expert	5	Person day	275	1375
	Consultant (GIZ or Meister)	3		750	2250
	Translator	5	Total	200	1000

**CTCN Technical Assistance
Response Plan**

Activity	Position	Quantity	Unit	Unit Cost (\$US)	Total Cost (\$US)
		Days	(person days)		
Development of Regional Energy Efficiency Action Plans	Project Manager	5		750	3750
	Technical Energy Staff	10		750	7500
	Local Coordinator/ Facilitator	2	Person day	275	550
	Local Technical Expert	10	Person day	275	2750
Communication	Project Manager	5			0
	Technical Energy Staff	5			0
	Local Technical Expert	5	Person day	275	1375
	Translator	5	Total	200	1000
Monitoring and Evaluation	Project Manager	3		750	2250
	Local Coordinator / Facilitator	3		275	825
Subtotal		117			53.375

**CTCN Technical Assistance
Response Plan**

Activity	Position	Quantity	Unit	Unit Cost (\$US)	Total Cost (\$US)
Expenses					
Travel	R/T CPH-TIA: Project Mgr	2	2 r/t tickets	500	1000
	DSA (for Albania)	10	DSA	175	1750
	R/T CPH-TIA: Tech Mgr	1	1 r/t tickets	500	500
	DSA (for Albania)	5	DSA	175	875
Workshops	Workshops: In-country travel	3		50	150
	Workshop: Meeting room and equipment	3	1 Day each	1000	3000
	Workshop: Lunches and coffee breaks	3	Day	500	1500
	Workshop: Stationery materials and communication	3		100	300
Subtotal					9.075
TOTAL					62.450

Annex 3: Terms of Reference for assistance provider *(in case of tendering process, and in line with UNOPS template/requirements TBD)*