

 <p>CZECH REPUBLIC DEVELOPMENT COOPERATION</p> <p><i>Initial Project Proposal</i></p>	<p>Request number: (Allocated by the Czech Development Agency)</p>
<p>Title:</p> <p>Capacity building of standardization and conformity assessment bodies of national quality infrastructure related to the construction area through:</p> <p>Creation of interactive maps of snow, wind, temperature and seismic accompanying the national annexes of Eurocodes, Creation and publishing of handbook on Statistical analysis of data and design assisted by testing, that would focus on methodological principles and statistical procedures for analyses of experimental data and basis of design assisted by testing, Creation and publishing of the translated standards collection of the European EN and international IEC standards for electrical installations planning and designing in buildings and construction area, Capacity building of conformity assessment bodies in the construction area.</p>	
<p>Partner country: Czech Republic</p>	<p>Region/town/locality: Prague, possibly also other towns</p>
<p>Applicant / Partner Institution: <i>Name, type, mail and web address of partner institution; name and position of responsible manager, phone, fax, e-mail.</i></p> <p>Institute for standardization of Bosnia and Herzegovina, state budgetary organisation. www.bas.gov.ba</p> <p>Mr. Aleksandar Cincar, General Director, aleksandar.cincar@bas.gov.ba, phone +387 57 310 560, fax +387 57 310 575</p> <p>Mr. Borislav Kraljević, Deputy Director, borislav.kraljevic@bas.gov.ba, phone +387 57 310 562, fax +387 57 310 575</p>	
<p>Other key partners: <i>Name, type, mail and web address of partner institution(s); name and position of responsible manager, phone, fax, e-mail.</i></p> <p>No other key partners.</p>	
<p>CONTEXT AND RATIONALE</p>	
<p>Development problem: <i>Problem analysis. Please explain current situation, identify major problems and their real causes (problem tree), stating the baseline for the intervention. Please include cross-cutting issues in the problem analysis (identify the major problems from the gender perspective, with regards to environment etc.)</i></p>	

- Low awareness of stakeholders and public on construction area legislative and standards importance in Bosnia and Herzegovina,
- Construction products regulation not adopted in Bosnia and Herzegovina,
- Not existing interactive maps of wind, snow, temperature and seismic accompanying national annexes of standards from construction area (Eurocodes),
- Low level of safety due to not existing adopted translated national standards from the area of planning and designing electrical installations of the low and high voltage in buildings and construction area,
- Not adopted European legislative related to planning and designing electrical installations ,
- There are no accredited certification bodies in construction area,
- Not educated staff working in Conformity Assessment bodies.

Key stakeholders and beneficiaries:

Analysis of key stakeholders and beneficiaries. Please define stakeholders who have significant influence or importance for the solution of the problem given above. Also, specify groups (e.g. women, men, girls, boys of different age, education, economic status and other categories) who shall directly benefit from the intervention, and those who will benefit indirectly. Please provide gender disaggregated data on both the stakeholders and the beneficiaries, if relevant.

Key beneficiary is Institute for Standardization of Bosnia and Herzegovina (BAS).

All institutions, companies and persons which participate in the BAS TC Eurocodes are stakeholders of the Project.

All institutions, companies and persons from the area of electrical installations planning and designing are also stakeholders.

BAS is going to extend conformity assessment activities to certification of construction products. It is necessary to provide equipment and education/training of BIH staff.

Conformity Assessment bodies, testing laboratories, certification body for construction products are also stakeholders.

Expected outcomes:

Analysis of objectives. Please describe the vision of an improved situation (including change of behaviour and attitudes), including key measurable and qualitative outcome indicators (disaggregated by sex if relevant), and their current value.

Any progress made in legislation and standards for construction products contributes in its consequences to the reduction of market problems, improves quality of goods on the market and helps national economy. The vision and improvements are:

- Increased awareness of stakeholders and public on legislation and standards importance in construction area in Bosnia and Herzegovina,
- Interactive maps of snow, wind, temperature and seismic accompanying standards from construction area (Eurocodes) published,
- Published handbook on Statistical analysis of data and design assisted by testing, that would focus on methodological principles and statistical procedures for analyses of experimental data and basis of design assisted by testing,
- Adopted and published translated national standards collections from the area of planning and designing electrical installations of the low and high voltage in buildings and construction area due to safety reasons,
- Accredited Certification body in construction area,
- Testing laboratories from construction area equipped with necessary equipment,
- Educated staff working in Conformity Assessment bodies.

Expected outputs and/or required specific services, supplies or works:

Please describe the concrete outputs when required, including baseline and target indicators, and technical specifications if relevant.

5 % (within 2015) is expected percentage of Czech ODA financial contribution for the following results:

- analytical description of the data necessary for creation of interactive maps,
- transfer of the "European know-how" via the Project's fulfilment by the Czech experts to the BAS for creation of interactive maps,
- analytical description of the data necessary for translation of the standards and creation of national standards collection from the area of planning and designing of electrical installations in building and construction area,

- analytical description of the data necessary for creation of the handbook on Statistical analysis of data and design assisted by testing, that would focus on methodological principles and statistical procedures for analyses of experimental data and basis of design assisted by testing.

75 % (within 2016) is expected percentage of Czech ODA financial contribution for the following results:

- providing experts and money for creation of interactive maps,
- transfer of the “European know-how” via the Project’s fulfilment by the Czech experts to the BAS on the sales and usage of interactive maps,
- translation and revision of national standards collection from the area of planning and designing of electrical installations in building and construction area,
- providing experts and money for creation of the handbook on Statistical analysis of data and design assisted by testing, that would focus on methodological principles and statistical procedures for analyses of experimental data and basis of design assisted by testing,
- providing money for creation of the standards collection in planning and designing of electrical installations in building and construction sector
- procurement and delivery of the equipment for the testing laboratories in the construction area,
- education of BAS staff regarding Conformity Assessment activities for construction products,
- preparation of BAS to be accredited products certification body and covering the costs,
- covering of costs for implementation and certification of BAS according to ISO IEC 27001 Security Information Management System
- delivery of necessary equipment (software, printers, computers or similar).

20 % (within 2017) is expected percentage of Czech ODA financial contribution for the following results:

- providing experts and money for creation of interactive maps and transfer of the “European know-how” via the Project’s fulfilment by the Czech experts to the BAS on the rules for sales and usage of interactive maps,
- establishment of BAS capacities for certification activities for construction products,
- assistance in establishment of accredited Conformity Assessment bodies for some segments of construction products, providing money necessary to cover accreditation costs,
- defined rules for cooperation in-between BAS and testing laboratories
- translation of National Annexes to Eurocodes from official language of Bosnia and Herzegovina to English language.
- preparation for signing ACAA for construction products (joinery),
- delivery of necessary equipment (printers, computers or similar)

Possible strategies:

Analysis of strategies. Please compare different options to address the given situation, and then chose the most relevant and feasible strategy according to clear criteria (incl. national development plans, time and economic limits, civil society and women/gender groups strategies etc.).

Bosnia and Herzegovina is the only country in the region that did not start work on creation of interactive maps accompanying national annexes to Eurocodes and it is high time to start if we want to be in line with European legislation and working practices. Institute for standardization of BIH has no budgetary capacity to carry out these activities itself.

1. In order to achieve an adequate application of the Eurocodes interactive maps, National Authorities, National Standards Bodies, the construction industry and all civil engineering professionals must be ready to use them. Because of that all stakeholders need to be additionally educated and trained in this area.
2. Working plan and dynamics in preparation and publishing of the handbook on Statistical analysis of data and design assisted by testing, that would focus on methodological principles and statistical procedures for analyses of experimental data and basis of design assisted by testing.
3. Working plan and dynamics in adoption (translation, editing) of standards collection in the electrical installations planning and designing will be prepared.
4. Relevant institutions (government and non-government) must be included in preparing and documenting interactive maps, handbook, and translated standards collection, and they will also need additional training.
5. Delegation of tasks related to preparation of all necessary data and documents to appropriate institutions (hydro- metrological data: level of snow falls, rains, preparation of necessary charts, etc.), followed by calculation of accompanying costs and payments.
6. Financial support to Institute for standardization of Bosnia and Herzegovina (BAS) for administration of all activities including some equipment (software printers, computers or similar).
7. Training in conformity assessment area (BAS staff and stakeholders), preparation of documentation for certification body, analysis of possibilities for sub-contracting testing activities (relevant testing laboratories), and preparation of application for accreditation to an adequate accreditation body and covering accreditation costs.
8. As a result of proposed activities and after the project is finalised, it is expected to continue co-operation with project partner in order to improve and exchange knowledge in this area in the future (Cooperation Agreement between project partners).

After the project is finalized Bosnia and Herzegovina should have tools for achieving higher level of safety of buildings and other civil engineering works and have available the most up-to-date codes of practice in construction area. That should raise level of competitiveness of our companies in construction sector, provide tool for the successful removal of trade barriers for construction products and services, and enable companies from BIH to cooperate with EU companies in this area.

Role of the applicant/partner organisation and roles of other key partners: *Please describe briefly the roles and responsibilities of key project stakeholders during project preparation, implementation and also their guaranties for ensuring sustainability of the benefits of the requested development intervention.*

Institute for Standardization of Bosnia and Herzegovina (BAS) is responsible for preparation and adoption and publication of BIH standards and adoption of national annexes to those standards. BAS is also allowed to perform education from conformity assessment area and to perform conformity assessment activities. According to these responsibilities, BAS will actively participate in the Project preparation, implementation and also guarantee sustainability of the benefits of the requested development intervention.

Complementarity:

Analysis of other relevant development interventions executed by the government (or) in co-operation with other donors, complementarity of the requested intervention with activities carried out so far.

Draft of Project is tied with Memorandum of Understanding signed between UNMZ and BAS on December 21, 2012.

Memorandum of Understanding between Czech Development Agency and Ministry of Foreign Trade and Economic Relations of BIH.

Project is extension of the project "Capacity building of national infrastructure in standardization for improvement of Energy Efficiency in buildings in Bosnia and Herzegovina" conducted between UNMZ and Institute for standardization of BIH.

Project is, in a way, extension of project “Support to application of free trade movement principals and increase of safety for products being introduced to the market in Bosnia and Herzegovina” conducted between UNMZ and Ministry of Foreign Trade and Economic Relations of BIH.

Date and Signature:

Place, date, name of authorised person within applicant institution and his/her signature, stamp

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GENERAL DIRECTOR

Aleksandar Cincar.