



## Enhancing the Bilateral S&T Partnership with Ukraine\* Advanced Innovative Approach

<b>Deliverable Title</b>	<b>D3.15 Brief report on detailing the setting up of the pilot activity 2 (T3.4)</b>
Deliverable Lead:	ZSI, Partners involved: STEPS, NASU, PAN, CNRS
Related Work package:	WP 3 – Pilot Activities
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<b>Abstract</b>	The objective of the deliverable is to describe the setting up and the implementation process of the Pilot Activity 2.
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## Versioning and Contribution History

Version	Date	Modification reason	Modified by
v.01	6.05.2014	First Draft	Gorazd Weiss
V.02	20.05.2014	Comments, document restructuring	NASU, PAN, CNRS, DLR, STEPS
v.03	13.06.2014	External review panel	Geroge Bonas
v.04	30.6.2014	Final version	Gorazd Weiss

## **Pilot Activity 2 (T3.4): Outline**

### **Objectives:**

- To identify challenging research topics of mutual interest in the field of Nanotechnologies and Biotechnologies (2 of JSTCC priority areas) to support further S&T road-mapping process between EU and Ukraine. In that respect:
  - o Two workshops will be organized (in Kiev and Brussels);
  - o A methodology will be drafted for the workshops organization that will also include the use of outputs from other project activities (i.e. WP4 activities, co-publication analysis outputs, PA1, etc.) as inputs to the workshops.

### **Target Audience**

- Ukrainian researchers from the fields of Nanotechnologies and Biotechnologies
- Researchers from EU MS from the fields of Nanotechnologies and Biotechnologies
- Industry representatives from Ukraine and EU from the field of Nanotechnology and Biotechnology
- Representatives from thematic Directorates - EC DG Research and Innovation
- Representatives from ongoing projects (i.e. ERA-WIDE, R2I, bilateral projects, etc.)
- Ukrainian NCPs responsible for Nanotechnologies and Biotechnologies / H2020 NCP Coordinator from Ukraine

### **Outputs**

- Identified EU-Ukrainian research topics of mutual interest in the fields of nanotechnologies and biotechnologies. Results will be presented as an input for the H2020 Work programme 2016-2017.

### **Methodological approach**

In earlier stages of the BILAT-UKR\*AINA project, a set of activities (i.e. WP4 activities, co-publication analysis outputs, PA1, etc.) has been conducted that supports the thematic priority setting for future collaboration. Therefore the results from:

- The Co-publication Analysis (Task 2.2)

- The mapping and desk research such as the existing EU – UKR research cooperation in the fields of Nanotechnologies and Biotechnologies (i.e. relevant data from ecorda database, ERA-WIDE, R2I)

will be used as inputs to the present activity.

In addition, the following elements elaborated under Pilot Activity 2 will serve as input for the thematic road-mapping workshops (one in Nanotechnologies and one in Biotechnologies):

- The results of a survey of relevant topics among researchers in both the EU MS and Ukraine (minimum of 300 researchers)
- The development of generic thematic (graphical) roadmaps for each thematic priority

Each thematic road-mapping workshop follows a four-step approach:

- Step 1: Introduction to the road-mapping workshop by workshop organisers, followed by a short presentation of the background documents, the survey results and the generic roadmap (graphical).
- Step 2: In-depth discussion of the different roadmap elements with a purpose to correct, change, regroup, complete or delete specific parts of it in order to arrive at a joint understanding of the important issues. Participants will also have the possibility to add new topics to the roadmap.
- Step 3: A selection procedure will take place with the aim to narrow down the number of proposed topics, preferably by consensus. Alternatively a two-round voting for both general (round 1) and more specific (round 2) research topics will be organized to identify the topics that are on a priority list for EU-Ukraine collaboration.
- Step 4: Elaboration and formulation of each topic on the priority list (at least 5 topics), so as to create an agreement and joint understanding of the way the topics are formulated. For each topic a description should be provided (10-15 lines) followed by a justification of the pertinence/added value of the topic for the EU-UA cooperation.

Workshop participants (cca. 10-15 participants):

- Distinguished experts from the fields of nanotechnology- and biotechnology from EU MS and Ukraine,

### **Process / Implementation**

Proposed tentative work plan:

Activity	Month	Partners Involved	Comments
Preparation of the brief report on setting up of the Pilot Activity 2 (D3.15) Setting up the methodology	May/beginning of June 2014	ZSI	

Identification of researchers from fields of Nanotechnology and Biotechnology from Ukraine and EU MS	June 2014	CNRS, PAN, NASU, ZSI, STEPS	Inputs from other project partners as well as co-publication analysis
Identification of Research topics for the generic roadmaps	June 2014	STEPS, NASU, PAN, ZSI, CNRS	Inputs from Co-publication analysis; mapping; desk research
Preparing the questionnaire	June 2014	ZSI	
Sending out the questionnaire to the Ukrainian and EU researchers	Beginning of July 2014	ZSI	Limesurvey tool
Analysis of the results gathered by the questionnaire	July /August 2014	ZSI, STEPS	Output: short report on survey results
Preparation activities to organise Workshops	September 2014	ZSI, CNRS, PAN, NASU	Preparation of the draft generic roadmaps (graphical) of possible common EU-Ukrainian research topics in nanotechnologies and biotechnologies (upon outputs of the questionnaire and other related deliverables)
<b>1<sup>st</sup> Thematic Road-mapping Workshop</b> – Identification of research topics for the research cooperation between EU and Ukraine in the field of Nanomaterials	October 2014	ZSI, NASU, STEPS	Kiev
<b>2<sup>nd</sup> Thematic Road-mapping Workshop</b> – Identification of research topics for the research cooperation between EU and Ukraine in the field of Biotechnologies	November 2014	ZSI, CNRS, STEPS	Paris
<b>Preparation of the final report D3.21</b>	February-April 2014	ZSI, all involved partners	Informing the EC and other relevant stakeholders about the outputs.
<b>Final report (D3.21)</b>	31.5.2015	ZSI	