

FP7-INCO-2010-6.1, ERA-WIDE

**“Advancing Research and Cooperation  
Capacities of IHM NASU towards ERA”  
ERAIHM**



Kick-Off Meeting  
24-25 January 2011, Kiev (Ukraine)



# Project Coordinator

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# Background

Number of Agreement: 266587

- Project number: 266587
- Title: “Advancing Research and Cooperation Capacities of IHM NASU towards ERA”
- Acronym: ERAIHM
- Duration: 28 monthes
- STARTING DATE: 01 November 2010
- EC CONTRIBUTION: 385,763.00 EUR



# List of Partners

- Institute of Hydromechanics of National Academy of Sciences of Ukraine (IHM NASU, Kiev)
- Kungliga Tekniska Högskolan/Royal Institute of Technology (KTH, Stockholm, Sweden)
- Technische Universiteit Delft/ Delft University of Technology (TU Delft, The Netherlands)





# History of cooperation

**"UKRMOBIL"**, *Facilitating academic mobility between EU and Ukraine, 2004-2005*

**"UKRBRIDGE"**, *Bridging the gap between University and businesses, 2005-2009*

**"UNIQTOOL"**, *Implementing tools and policies for quality work at institutional level, 2010-2013*

**"CREDO"**, *Creation of third cycle studies - Doctoral Programme in Renewable Energy and Environmental Technology, 2010-2013*



# Objectives

## **Wider Objective:**

To reinforce the cooperation capacities of one of the leading research centres of Ukraine - Institute of Hydromechanics of the National Academy of Sciences of Ukraine (IHM NASU) and enhancing its part participation in European Framework Programmes.



# Objectives

## Specific Project Objectives:

- To develop a strategy of IHM NASU aimed at ensuring coherence of its RTD activities with socio-economic needs of Ukraine, enhancing its cooperation with European Research Centres and participation in European Framework Programmes.
- To develop and implement training modules at IHM NASU to build capacity in participation in Fp7 and to facilitate involvement of stakeholders in innovation process.
- To develop a Communication and dissemination toolkit for improvement of IHM visibility for Ukrainian and European research centres and stakeholders, networking, dissemination and exchange of scientific information and design of joint RTD activities.



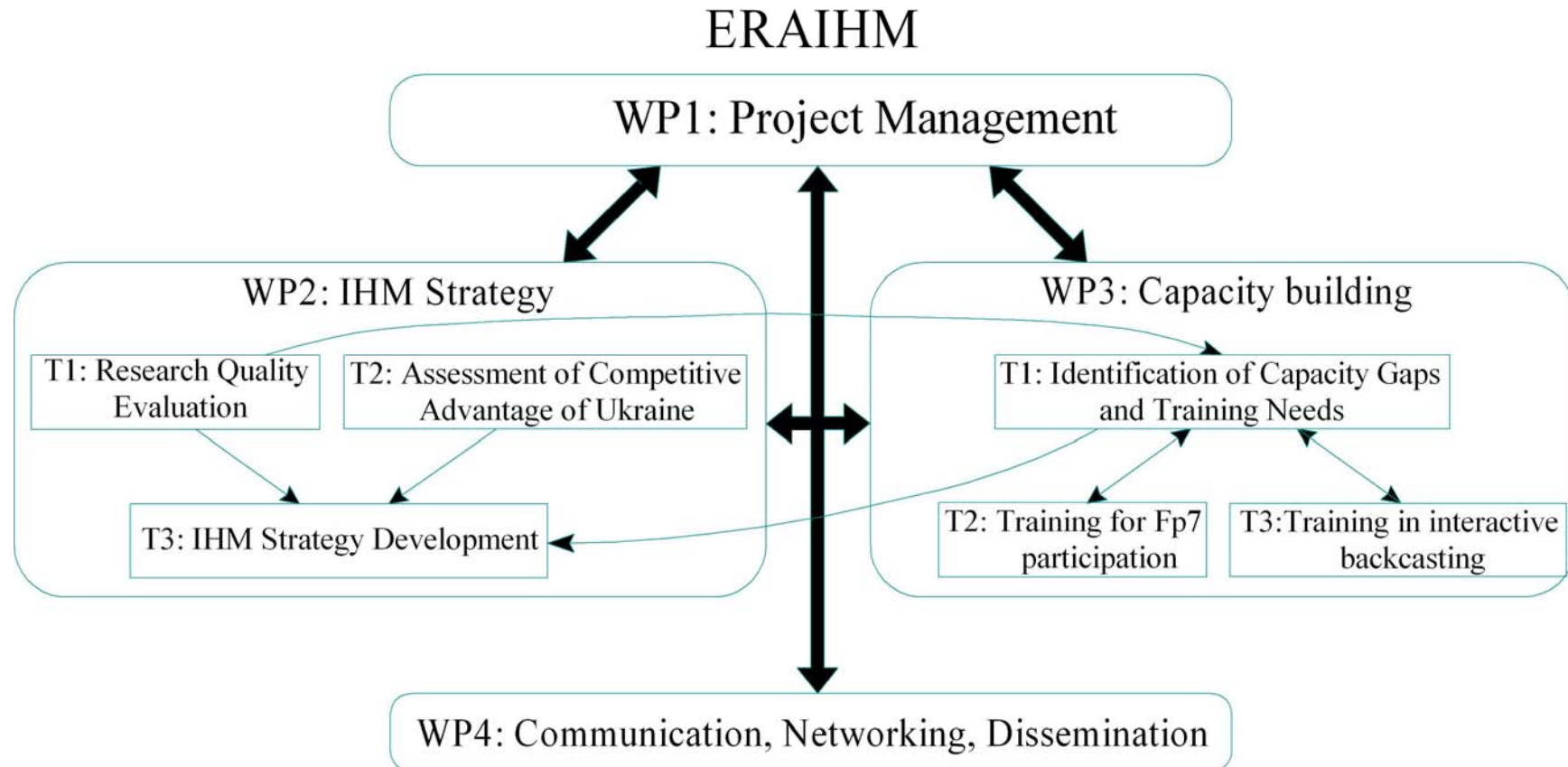
# Work packages

- **WP1: Management and Coordination.**
- **WP2: Developing IHM NASU strategy for research, innovation and international cooperation.**
- **WP3: Capacity Building.**
- **WP4: Communication, networking and dissemination.**





# Project structure





# WP1: Management and Coordination

## (IHM NASU)

Objectives: Implementation of the project, quality control and monitoring of the progress and deliverables, reporting

**Task 1:** The initiative group representing the project partners carries out start-up activities.

**Task 2:** For strategic level coordination, steering group (SG) will be nominated consisting of 5 persons: one representative from each partner and 2 external representatives. The purpose of SG is to make final decisions related to project issues.

**Task 3:** Project Management Group (MG) will be set-up to carry out practical management and coordination of the project activities on daily basis. MG will consist of 5 persons: the project coordinator (IHM), leaders of 3 Workpackages: WP2 (TU Delft), WP3 (KTH) and WP4 (IHM) and the project financial manager (IHM). Activities of MG will be supported by the project secretary stationed at IHM.

**Task 4:** Working groups (WG) lead by the WP manager for each WP will be appointed. WGs organize working meetings when necessary, but at least once a year.

**Task 5.** Midterm and final evaluation of the project. SG with involvement of the external experts will carry out midterm evaluation of the project implementation and the deliverables.



# WP1: Management and Coordination (IHM NASU)

## List of deliverables

Deliverable Number <sup>61</sup>	Deliverable Title	Lead beneficiary number	Estimated indicative person-months	Nature <sup>62</sup>	Dissemination level <sup>63</sup>	Delivery date <sup>64</sup>
D1.1	Partnership agreement	1	1.50	O	CO	2
D1.2	Kick-off meeting including meetings of MG and SG	1	2.00	O	PU	2
D1.3	Activity reports, mid-term report and recommendations from SG and external experts	1	4.00	R	RE	18
D1.4	Final project conference, final statement from the SG	1	4.00	O	PU	27
D1.5	Final report	1	2.50	R	PU	28

# WP2: Developing IHM NASU strategy for research, innovation and international cooperation (TU Delft)

Objectives: To develop a **strategy** of IHM NASU aimed at ensuring coherence of its RTD activities with socio-economic needs of Ukraine, enhancing its cooperation with European Research Centres and participation in European Framework Programmes

Task 1: **International evaluation of IHM research scope and quality** - the purpose of the evaluation is to enable IHM to identify areas of existing research strength and emerging potential against an international benchmark.

Task 2: **Overview of Ukrainian Innovation System and assessment of competitive advantage of Ukraine** - Project team will perform overview of Ukrainian Innovation System and assessment of competitive advantage of Ukraine with focus on the scientific areas covered by IHM NASU.

Task 3: **Developing of IHM NASU strategy for RTD and international cooperation** - will be based on the results of two assessments: firstly, evaluation of IHM research scope and quality and secondly, overview of Ukrainian Innovation System and assessment of competitive advantage of Ukraine with focus on the scientific areas of IHM NASU



## WP2: Developing IHM NASU strategy for research, innovation and international cooperation (TU Delft)

List of deliverables

Deliverable Number <sup>61</sup>	Deliverable Title	Lead beneficiary number	Estimated indicative person-months	Nature <sup>62</sup>	Dissemination level <sup>63</sup>	Delivery date <sup>64</sup>
D2.1	Guidelines for evaluation of IHM research scope and quality	2	2.00	R	PU	4
D2.2	Report on Self Evaluation of IHM Departments	1	5.00	R	CO	6
D2.3	Report on International Expert Review	2	2.00	R	RE	8
D2.4	Report on Bibliometric Analysis	1	3.00	R	RE	8
D2.5	Report on international evaluation of IHM research scope and quality	2	4.00	R	PU	10
D2.6	Framework for assessment of National Innovation System	3	2.00	O	PU	5
D2.7	Report on assessment of competitive advantage of Ukraine by sectors	3	11.00	R	PU	12
D2.8	Recommendations on improvement of innovation support system in Ukraine	1	6.00	O	PU	13
D2.9	Strategy Document of IHM NASU for RTD and international cooperation	1	6.00	O	PU	20



## WP3: Capacity Building (KTH)

Objectives: To develop and implement training modules at IHM NASU to build capacity in participation in Fp7 and to facilitate involvement of stakeholders in innovation process

**Task 1: Identification of capacity gaps and training needs of IHM staff to enhance participation in Fp7 and to facilitate involvement of stakeholders in its RTD activities -**  
The appointed WG will identify capacity gaps and training needs of IHM staff to enhance participation in Fp7 and to facilitate involvement of stakeholders in its RTD activities.

**Task 2: Developing and implementing training modules on the Fp7 -** the training modules on the Fp7 for research managers and young researchers at IHM NASU will be based on experiences of European partners as well as best practices of participation of Ukrainian Research Centres in FP7.

**Task 3: Developing and implementing Interactive Backcasting Exercise -**the project team under supervision of Partner 3 (TU Delft) will develop and implement a training module for IHM staff on interactive backcasting based on the experience of successful application of the method by EU partners and related competences of the IHM staff identified at the beginning of the project.



## WP3: Capacity Building (KTH)

### List of deliverables

Deliverable Number <sup>61</sup>	Deliverable Title	Lead beneficiary number	Estimated indicative person-months	Nature <sup>62</sup>	Dissemination level <sup>63</sup>	Delivery date <sup>64</sup>
D3.1	Report on training needs analysis	2	2.00	R	RE	9
D3.2	Training programme, manual and materials on the Fp7	2	5.00	O	RE	14
D3.3	Training sessions on the Fp7	2	3.00	O	RE	18
D3.4	Guidelines and training manual for interactive backcasting exercise	3	9.00	O	RE	14
D3.5	Training session on theoretical bases and practical approaches to interactive backcasting	2	6.00	O	RE	15
D3.6	Report on interactive backcasting exercise	1	18.00	R	PU	24



## WP4: Communication, networking and dissemination (IHM)

Objectives: To develop a Communication and dissemination toolkit for improvement of IHM visibility for Ukrainian and European research centres and stakeholders, networking, dissemination and exchange of scientific information and design of joint RTD activities

**Task 1.** Developing communication and dissemination plan for efficient reach of various stakeholders both in Ukraine and EU countries

**Task 2.** Developing a web-platform of IHM for online communication with the stakeholders, distribution of information and marketing

**Task 3.** Development and production of promotion materials: leaflets for IHM (English and Ukrainian), project leaflet, posters.

**Task 4.** Networking using structures of the European partner institutions

**Task 5.** Organizing international symposium on innovation support system in Ukraine and Ukrainian competitive advantage

**Task 6.** Workshop for presenting the experience of interactive backcasting exercise conducted within the project

**Task 7.** Final project conference





## WP4: Communication, networking and dissemination (IHM)

### List of deliverables

Deliverable Number <sup>61</sup>	Deliverable Title	Lead beneficiary number	Estimated indicative person-months	Nature <sup>62</sup>	Dissemination level <sup>63</sup>	Delivery date <sup>64</sup>
D4.1	Communication and dissemination plan	1	2.00	O	RE	5
D4.2	Web platform of IHM for online communication	1	6.00	O	PU	9
D4.3	Promotion materials: leaflets for IHM and the project, posters	1	4.00	O	PU	27
D4.4	Presentation of IHM for networking meetings	1	12.00	O	PU	26
D4.5	International symposium on innovation systems and competitive advantage	1	2.00	O	PU	17
D4.6	Workshop on interactive backcasting	1	2.00	O	PU	25
D4.7	Final conference, concluding statement of the conference	1	2.00	O	PU	27



## Expected impact

- The project will contribute to RTD capacity building in Ukraine through development and dissemination of example of good practices in designing of a research center's strategy.
- The project team will organise an international symposium on innovation support system in Ukraine and Ukrainian competitive advantage to bring together professionals in the field of innovation policy and experts in sustainable technology management from Ukraine and EU as well as representatives from leading Ukrainian industries and local and regional authorities.





## Expected impact

- The project will contribute to increased scope of the centres with increased linkage with economic and social environment through dissemination of the guideline on use of interactive backcasting method for stakeholders involvement in innovation process.
- The project will enhance participation of the country in the 7th Framework Programme through development of training strategy and respective modules.
- The project will also improve networking methods of Ukrainian Research Centers with other research centres in Member States or Associated Countries.





## Our vision of ERA - WIDE

- ERA-WIDE: More intensive participation of Ukrainian research centers in European RTD projects will support the high level of scientific research, attract young scientists as well as prevent brain drain.
- ERA-WIDE provides a platform for improving IHM NASU international visibility and strengthening the IHM brand in the areas of its academic excellence with high societal relevance and business outreach, thus paving the way for international cooperation and participation in European Framework Programmes.





Thanks!

Questions?

