



**USELF**  
Ukraine Sustainable Energy  
Lending Facility

**FICHTNER**



# USELF - Phase II Launch Event



**European Bank**  
for Reconstruction and Development



**Technical assistance funded by:**





USELF

Ukraine Sustainable Energy  
Lending Facility

# Presentation of USELF Renewable Energy Developers' Manual



**Dr. Peter Pintz, USELF Project Director, Fichtner**  
**June 27, 2014**

# Objectives of Developers' Manual

- Provide information for developers to better understand the USELF application, screening and due diligence process
- Provide a source for potential developers that helps them to improve the preparation and development of their renewable energy project (both for USELF and other sources of funding)



**A tool for successful preparation and implementation of RES projects**



# RES Technologies

In line with general USELF approach the Manual covers RES technologies that produce electricity

- Wind power farms
- Photovoltaic solar power plants
- Small hydropower plants
- Biomass power plants
- Biogas power plants
- Power plants based on landfill gas (LFG-to-energy plants)

# Aspects Addressed by the Manual

- Technical project planning and development
- Procurement of equipment and contracting
- Implementation arrangements and plans
- Legal and regulatory requirements in the energy sector
- Permitting and licensing issues
- Appraisal of financial project viability
- Financing under project finance schemes
- Environmental and social assessment



# Aspects Addressed cont'd

- Step-by-step implementation process described
- Discussion of success factors, also to reflect past USELF experience
- Short case studies



USELF

Ukraine Sustainable Energy  
Lending Facility

# Target groups of the Manual

- Primarily potential developers that plan to develop and implement a RES project with financing from USELF or other sources
- Staff of banks that plan to finance RES projects for their due diligence activities
- Local consultants that work or plan to work in the field of RES
- Staff of public authorities in related fields to better understand RES development and implementation



# Availability of the Manual

- Printed versions of the Developers' Manual are available in English and Ukrainian
- The Manual will be placed on the USELF website for download in both languages



USELF

Ukraine Sustainable Energy  
Lending Facility





# www.uself.com.ua



- Home
- About USELF
- Organization
- Project Cycle
- Eligibility
- Application
- Technical Assistance
- Contacts
- Implementation Team
- Links
- Downloads
- Sitemap
- News / Events

## Investment in renewable energy - a step for the future!

Did you know that Ukraine imports up to 80% of the fuels to cover its primary energy needs while its own generating assets are ageing and highly polluting?

For Ukraine, the need to improve energy security and reduce the environmental impact of its energy sector is acute. Renewable energy can play a key role in addressing both these issues.

Although it has great potential for renewable energies, Ukraine has as yet hardly exploited this. The main reason for this low level of activity is that, until now, the legislative and regulatory frameworks have not been adequate to allow implementation of the numerous potentially feasible projects in this area.

In order to encourage businesses to pursue sustainable energy projects, the European Bank for Reconstruction and Development (EBRD) has launched the Ukraine Sustainable Energy Lending Facility (USELF). To promote projects that are often challenging to finance and implement, the Facility not only provides tailor-made financing, but also assistance by technical consultants for businesses and local authorities.

USELF is part of the EBRD's Sustainable Energy Initiative (SEI) addressing the challenges of climate change and energy efficiency. Since the launch of the SEI in 2006, the EBRD is at the forefront in helping countries from Central Europe to Central Asia to secure sustainable energy supplies, and finance the efficient use of energy that will cut demand and imports, reduce pollution and mitigate the effects of climate change.

Facility developed by:



**European Bank**  
for Reconstruction and Development

Project Consultants:

**FICHTNER**



**DEWEY & LeBOEUF**





# Thank you for your attention!

## **USELF Project Office**

**4th floor, Office 4B  
BC Horizon Office Towers  
42-44 Shovkovychna Street  
01601 Kyiv, Ukraine**

**Helpline: +38 095 8998 443**

**E-mail: [info@uself.com.ua](mailto:info@uself.com.ua)**

**[www.uself.com.ua](http://www.uself.com.ua)**



**USELF**

Ukraine Sustainable Energy  
Lending Facility