

Facilitating skill development and technology transfer for the Iraqi energy sector

Iraqi-European Business & Investment Forum





LUTHARDT

Athens, 21 April 2016









Roland Berger and Luthardt form the project consortium for the EU-Iraq Energy Centre (EUIEC)

Overview consortium



- > **Roland Berger** is a Europe-based strategy consultancy with vast experience in energy, infrastructure and business development
- > Roland Berger leads the consortium and mainly covers EUIEC setup, business strategy and business plan development, policy debate and business cooperation

LUTHARDT

- > **Luthardt Group** is an independent energy service provider implementing projects worldwide
- > It advises in energy operations along the entire value chain and has in-depth knowledge of Iraq's energy sector
- > Luthardt concentrates its work on the EUIEC set-up, training, policy debate and business cooperation

Source: Roland Berger, Luthardt







EUIEC has already started cooperation with several institutions active in the development of the Iraqi energy sector

Cooperation partners

Public sector (selection)

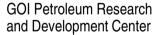




GOI Ministry of

Environment









Private sector (selection)













Associations and international organizations (selection)



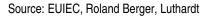










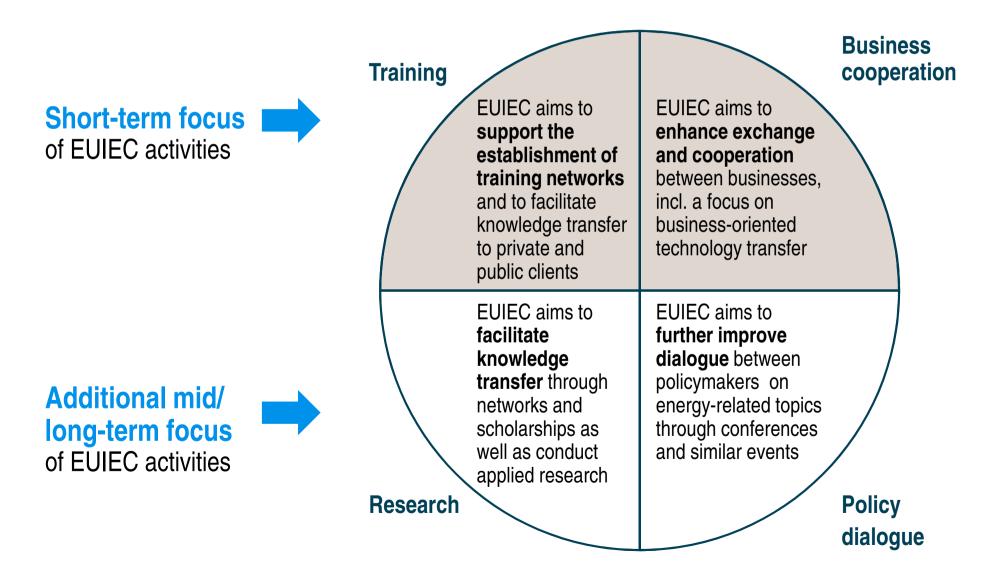








EUIEC plans to focus on training and business cooperation in the short run – Research and policy dialogue in mid/long-term focus



Source: EUIEC, Roland Berger, Luthardt







In the Training Component the EUIEC aims to further develop the human resource base of the Iraqi energy sector

Role of the EUIEC in Training Component

- > Providing demand-driven, revenue generating training with a view to skill development and capacity building
- > Identifying the training requirements of private and public entities active in the Iraqi energy sector
- > Connecting training providers (institutions and individuals) with potential clients
- > Working towards the establishment of a training curriculum for the Iraqi energy sector

Sample activities of the EUIEC in Training Component



> Conduct of pilot training on "Uncertainty & Risk in the Energy Sector" for recent graduate employees



> Conduct of training course on handling state-of-the-art laboratory equipment for PRDC staff



> Conduct of workshop regarding solutions for grid stability for representatives of Iraqi ministries







Recent pilot training on "Uncertainty & Risk in the Energy Sector" highlights the potential for targeted knowledge transfer



- > Brief market assessment showed a **great need** for hands-on knowledge and skills in the area of **uncertainty and risk in the energy sector**
- > EUIEC partnered up with Stirling Group and the European Technology and Training Centre (ETTC) in Erbil to provide a state-of-the-art training on this topic
- > Recent graduate employees from **several energy companies** were won to participate in the training
- > **Training was successfully held** from November 8 10, 2015 gaining overwhelming feedback from the participants
- > In their feedback, participants especially valued the opportunity to exchange their experience and skills in the same classroom with employees from different companies as well as the transferability of course content to their own daily work







In the Business Cooperation Component the EUIEC aims to facilitate cooperation between EU and Iraqi businesses

Role of the EUIEC in Business Cooperation Component

- Facilitating cooperation between the EU and Iraqi business communities in the energy sector
- > Fostering transfer of knowledge and skills between EU and Iraqi businesses
- > Assisting Iraqi companies looking for business opportunities with regards to trade with the EU
- > **Helping EU businesses**, in particular SMEs, enter and invest in Iraqi market

Sample Activities of the EUIEC in Business Cooperation Component



> Preparing an online platform for business cooperation, matchmaking and information



 Co-organisation and facilitation of conferences to discuss concrete suggestions for business cooperation



> Conduct of seminars and roundtables on EU-Iraq business cooperation and investment

Source: EUIEC, Roland Berger, Luthardt







Recent workshop with Ministry of Electricity and National Oil Companies underlines potential for facilitating technology transfer





- Various areas of the Iraqi energy sector require technology updating – European product suppliers can help address these needs
- > EUIEC held a workshop in Amman on February 24, 2016 discussing ways to facilitate technology transfer through business cooperation
- > Workshop brought together representatives of the Ministry of Electricity and various National Oil Companies
- > Priorities are refurbishment, upgrading and new investments
- > Workshop participants agreed that special attention must be paid to setting out **clear and precise tender specifications** to ensure that bidders address actual needs
- > Supplier contracts should meet international standards to facilitate **EU export financing**

Source: EUIEC, Luthardt, Roland Berger







Since October 2015, the EUIEC has started its pilot activities – First feedback and participation has been very positive and encouraging

Overview of recent and planned activities (selection)



Group of young Iraqi energy-sector employees completes pilot EUIEC training course on "Uncertainty and Risk in the Energy Sector"



EUIEC discusses future gas utilization, energy-related training needs at Basra Oil, Gas and Infrastructure Conference in Istanbul



EUIEC addresses German-Iraqi Joint Economic Commission in Berlin



EUIEC presents on project finance, training courses for Iraqi energy sector at Sixth Arab-German Energy Forum organized by Ghorfa in Berlin



EUIEC contributes to technical, legal workshops on Iraqi energy sector at Kurdistan-Iraq Oil & Gas Conference



EUIEC presents on skill development at Kurdistan-Iraq Oil & Gas Conference in London



EUIEC co-organizes policy dialogue seminar at King's College London on Iraq's re-emergence as an energy superpower



EUIEC paper outlines concept for expert networks and fellowship program to foster energy research in Iraq



EUIEC workshop with National Oil Companies and Ministry of Electricity to stimulate technology transfer towards Iraqi energy sector



EUIEC to train staff of the Petroleum Research and Development Center (PRDC) in Baghdad on handling laboratory equipment







If you are interested in working together with the EUIEC, please do not hesitate to contact us



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