

Enabling Climate Change Mitigation through Capacity Building – Green Energy Center of Iran (GECI)

Project outline for capacity building activities on
Renewable Energy and Energy Efficiency

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Berlin



Institute of Vocational
Education and Work Studies

 renac
renewables academy



www.geciran.net

- The Green Energy Center Iran will support the market development of renewable energies (RE) and energy efficiency (EE) in Iran through capacity building activities for institutions and individuals from the public, private, academic and financial sector.
- Partner institution in Iran is the Ministry of Energy
- The project is funded through Germany's International Climate Initiative (IKI) of the Federal Ministry for the Environment, Nature Conservation, Building and Nuclear Safety (BMUB). The project started May 2017 and will last until April 2020.
- The project consortium members are the Technical University Berlin, Institute of Vocational Education and Work Studies (TU-IBBA) and Renewables Academy (RENAC) AG.



INTERNATIONAL
CLIMATE INITIATIVE (IKI)

Supported by:



Federal Ministry for the
Environment, Nature Conservation,
Building and Nuclear Safety

based on a decision of the German Bundestag



- The Institute of Vocational Education and Work Studies of Technical University Berlin (TU-IBBA) is the project lead for know-how transfer to Iranian universities.
- The following activities are planned:
 1. Assessment and evaluation of existing curricula
 2. Co-Creation of curricula and lecture module development
 3. Guest lectures: Preparation, implementation and evaluation
 4. Integration of photovoltaics and one other key topic from the renewable energy, energy efficiency, or cross-sectoral topics into the existing syllabi



GECI Academic Workshop
26th November 2017 Tehran University

Authorities and state owned entities

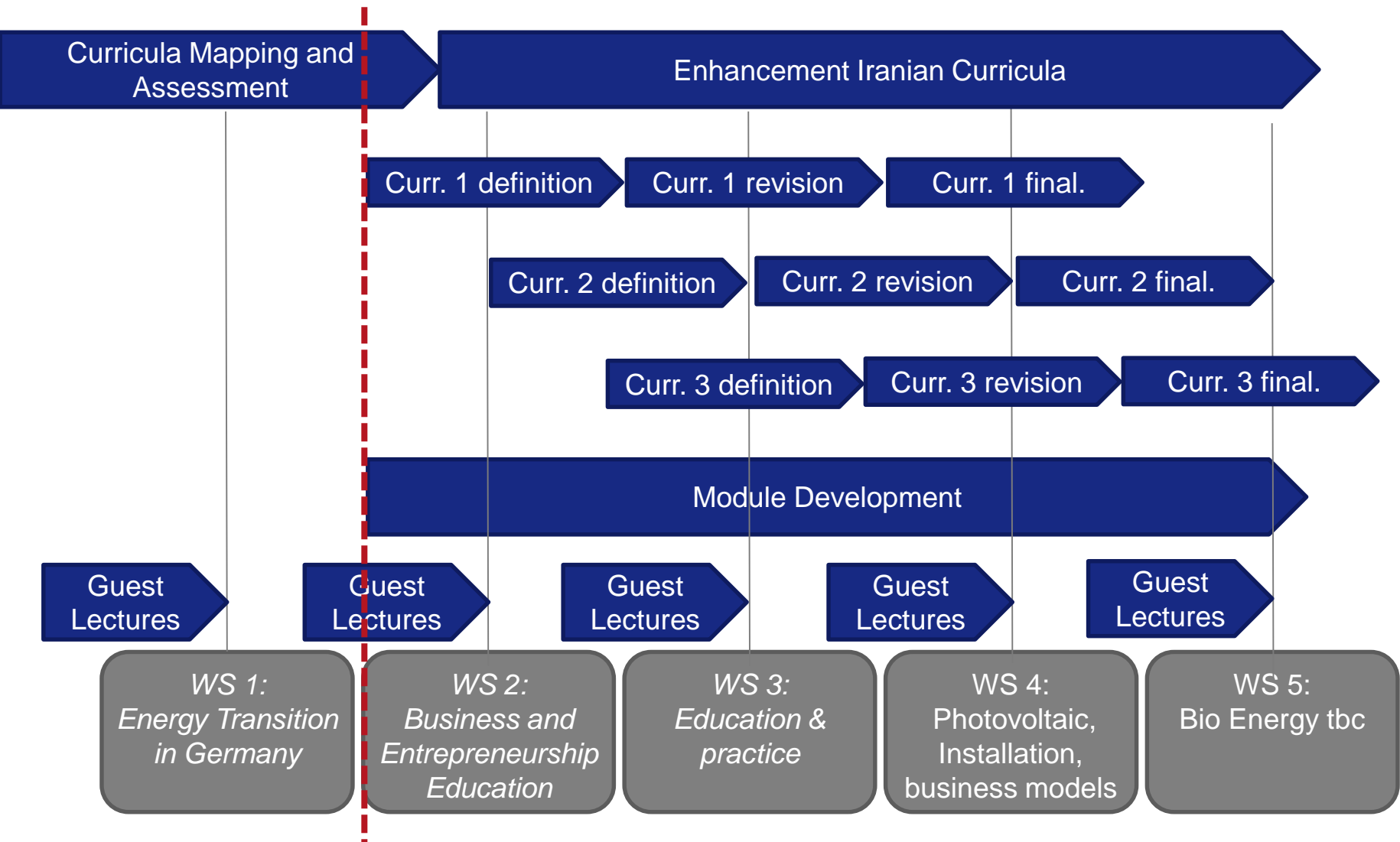
- Vice Presidency for Science and Technology
- Ministry of Energy,
- Ministry of Industry, Mine and Trade,
- Mashad Municipality

- SATBA Renewable Energy Organization
- Iran Grid Management Co. (IGMC),
- MAPNA, Renewable Energy Company

Universities and Research Institutes

- Tehran University (main cooperation partner)
- Shahid Beheshti University
- Amir Kabir University
- Ferdowsi University of Mashhad
- Tabriz University
- Sharif University

- IRNEF/ ESRI (Environmental Sciences Research institute)
- Sharif Energy Research Institute (SERI)



Mai 17	June 17	July 17	Aug 17	Sep 17	Oct 17	Nov 17	Dez 17	Jan 18	Feb 18	Mrz 18	Apr 18		
	FFM Iran, 09-15 June	<div style="border: 1px solid black; padding: 5px;"> <p> = Academic Open Public Lectures</p> <p> = Academic Workshops</p> <p> = Academic Committees</p> <p> = GECI Business Plan Working Group</p> </div>					EV1 Iran, Tehran 24 Nov-01 Dec GECI Presentation in Conferences Meetings and Networking with Various Universities in Iran Iran, 28 Nov				Iran, Tehran 30 Jan-01 Feb GECI Presentation in Conferences		
May 18	June 18	July 18	Aug 18	Sep 18	Oct 18	Nov 18	Dez 18	Jan 19	Feb 19	Mrz 19	Apr 19		
			EV5 Salzburg/Berlin 31 Aug-02 Sep		EV3 EV6 Iran, Tehran 12/16 May EV2 Iran, Tehran, 12-16 May					EV8 EV4 Iran, Tehran, 05 M	Iran, Tehran 01-05 Mar		
May 19	June 19	July 19	Aug 19	Sep 19	Oct 19	Nov 19	Dez 19	Jan 20	Feb 20	Mrz 20	Apr 20		
EV9 EV10	Iran, Tabriz Early May				EV11 Iran, Tehran Mid Oct Iran, Tehran, Mid Oct					EV7 Stakeholders' Exhibition Iran, Tehran, Mid Feb			

GECI team has close cooperation with three universities to develop 3 new Renewable Energy programs :

- **M.Sc. in Sustainable Energy Development**

Main Partner: Ferdowsi University of Mashhad (Engineering and Economy Faculties



- **M.Sc. Renewable Energy and Environment Engineering**

Main Partner: Tehran university “ Environment Faculty” “Mashhad Municipality”



- **M.BA in Renewable Energy Management**

Main Partner: Amir Kabir University of Technology



Topic: Energy Transformation

- **Prof. Dr. Hermann E. Ott:** *“Achievements of and Challenges for Renewable Energy Sectors in Germany”*
- **Dr. Ulrike Lehr:** *“Employment Effects of Renewable Energy”*
- **Thomas Korbun:** *“Energy Transformation in Different Sectors”*
- **Michael Krug:** *“Overview of Selected Support Schemes for Bioenergy in Germany”*

- **Participants:** **40** academics from **6** universities, **9** faculties and 6 fields related to Renewable energy.





Energy Council of Science and Technology Vice-Presidency of I.R. Iran



MOU signing meeting on 30th November between TU Berlin and Mashhad Municipality



4th International Solar Energy conference and Exhibition

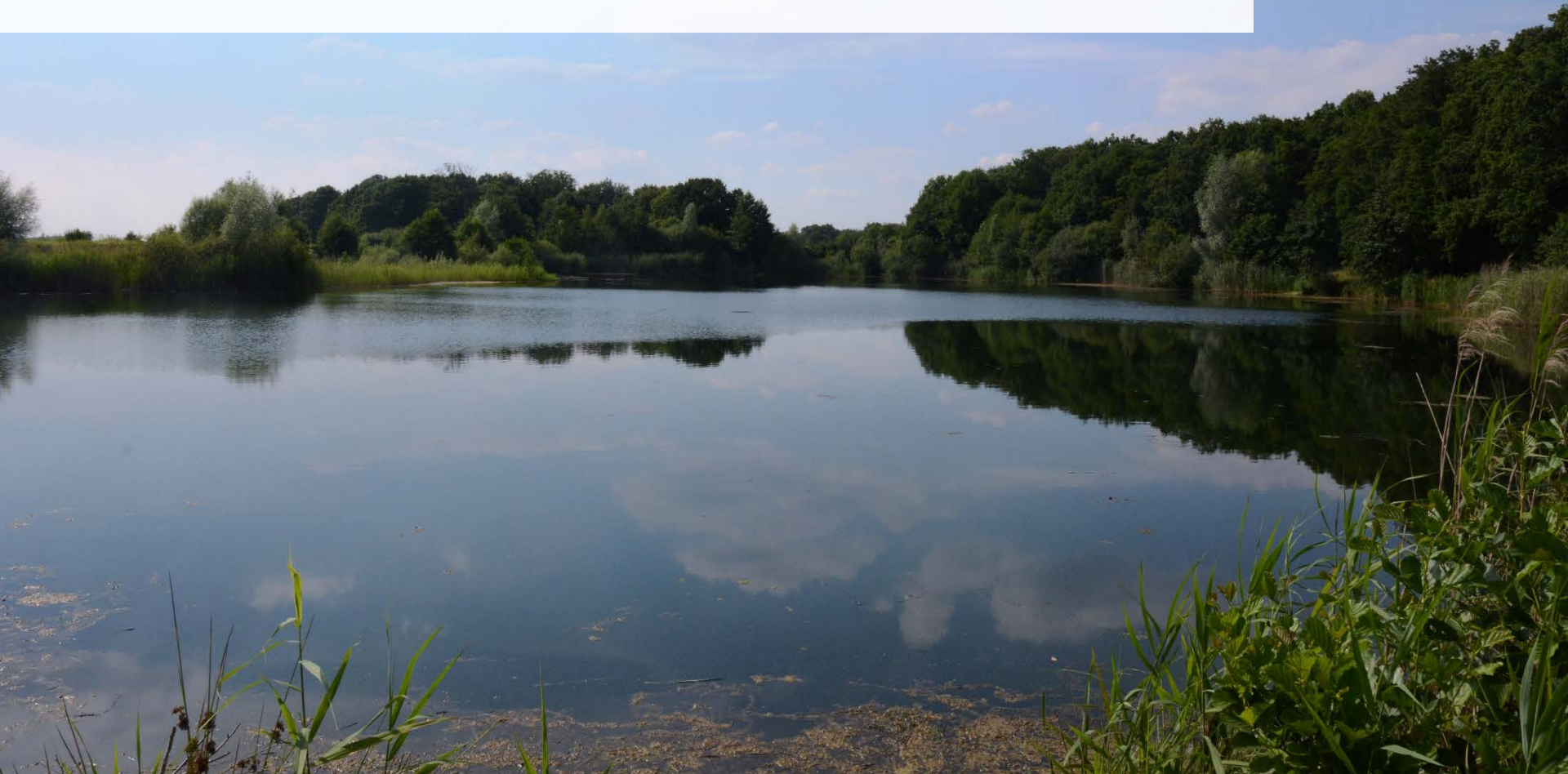


- **High interest in cooperation**
 - Participation in seminars and events
 - Research collaboration, joint projects
 - Joint study programs
 - ...
- **High level of academic excellence at Iranian Universities**
- **Main collaboration areas**
 - Practice in laboratories in academic education
 - Lab to field and lab2market
 - Business Models for renewable energies and entrepreneurship education

Activity	2017		2018	2019	2020	
Coordination, consultation and factfinding mission (TU-IBBA, RENAC, BEC)						
University cooperation (TU-IBBA, BEC)						
Scholarships for short / long term trainings for public and private energy sector (RENAC)						
Concept and business plan development for <i>Green Energy Centre of Iran</i> (RENAC / TU IBBA)						



Contact Data



- **GECI Project Website:** www.geciran.net
- **Technical University Berlin, Institute of Vocational Education and Work Studies (TU-IBBA)**
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Thank You!