



# Energizing Pakistan:

## Developing Tomorrow's Leadership with Greater Climate Action Pledge

WIRE Bootcamp (2.5 Days)

WIRE Bootcamp is sponsored by:

**Australian Government Department of Foreign Affairs and Trade (DFAT)** under its flagship scholarship program **Australia Awards** and global alumni engagement program **Australia Global Alumni Grants** for Regional Alumni Workshop 2018: Australia Awards Alumni as Champions of Environment and Climate Action.

### IMPLEMENTING PARTNERS



# Energizing Pakistan:

## Developing Tomorrow's Leadership with Greater Climate Action Pledge Mera Maan Residential Training Center, Bhara Kahu, Islamabad

“Women in Renewable Energy - WIRE” bootcamp in the heart of natural abode “Mera Maan Residential Training Centre – MMRTC” is a captivating and productive initiative tailored to address the multi-faceted national concern regarding energy security, climate change and women empowerment. WIRE Bootcamp is intended for the aspiring green enthusiasts and cultivates the idea of engaging women in the technical aura of energy sector to address the energy security & climate action in Pakistan. This bootcamp aims at imparting vision and builds an awareness, understanding and confidence that women engagement in green energy systems, eco-friendly spheres, and environment protection is a niche yet unexplored at large. The bootcamp provides ample opportunities of Networking and dialogue with field experts and inspirational mentors from energy and environment sector. Interactive sessions, activities, panel discussions, case studies, all generate motivational backbone for the young women to tackle the greater challenge of Climate Action and Renewable Energy Leadership in Pakistan.

### Bootcamp Objectives

By attending this bootcamp you will:

- ✓ Understand the Impact of Renewable Energy on Climate Change
- ✓ Understand Renewable Energy Market in Pakistan
- ✓ Women in Renewable Energy (WIRE) pledge as Climate Action Leaders
- ✓ Understand Energy Value Chain & Circular Economy
- ✓ Advance Role of Women to promote Renewable Energy Technologies

### Bootcamp Participants Selection

Bootcamp Applications were open from **1<sup>st</sup> September 2018 to 15<sup>th</sup> September 2018** and 226 interested participants have applied online. Applicants were assessed on their online applications by a selection committee comprising 10 of the Mentors and Speakers of the Bootcamp. The selection is highly competitive and based on the level of commitment, vision towards the objectives of the bootcamp by the applicants. The 24 Participants are selected from all over Pakistan. The group of selected participants has an interesting diversity.

### Important Dates

Online Applications Open	<b>1<sup>st</sup> September 2018</b>
Application Deadline	<b>15<sup>th</sup> September 2018</b>
Selection Notification	<b>22<sup>nd</sup> September 2018</b>
Selection Confirmation	<b>24<sup>th</sup> September 2018</b>
WIRE Bootcamp	<b>28<sup>th</sup> to 30<sup>th</sup> September 2018</b>

### Bootcamp Venue

WIRE Bootcamp will be held at **Mera Maan Residential Training Center**, Bhara Kahu, Islamabad. Participants have been provided with complete address and logistics arrangement details over the email.

### Bootcamp Facilitators

WIRE Team has made a deliberate effort in requesting the top of the line facilitating resources from the Renewable Energy Industry, Research Institutions and key players from Entrepreneurship Ecosystem in Pakistan. The facilitators are highly experienced and qualified in their relevant field of expertise and are included for the same.

## Bootcamp Activity Plan

Day 1 Friday, 28 <sup>th</sup> September 2018		
Time	Activity	
2:00 to 3:00 pm	<b>Reporting &amp; Gathering Time:</b> All Participants are required to be reached at Mera Maan Residential Training Center before 3pm on Friday.	<b>WIRE Team &amp; Co Team</b>
3:00 to 3:30 pm	<b>Assembly!</b> Welcome at MMRTC and Rules of Safe Stay	<b>Daniyal Kapadiya Rahat</b>
3:30 to 4:00 pm	<b>Welcome Tea!</b> Meet & Greet, get refresh with a cup of tea	<b>WIRE Co-Team</b>
4:00 to 5:00 pm	<b>IntroTweet!</b> Arrival of participants in the Main Lounge, introduction of all Participants, Mentors & Facilitators.	<b>WIRE Team</b>
5:00 to 6:00 pm	<b>Icebreaking &amp; Teaming Up!</b> Icebreakers and Team Building Exercise	<b>Usman Rafiq</b> Leadership Coach – <i>SherGul</i>
6:00 to 7:00 pm (15 minutes Each)	<b>Introductory Session:</b> Gender Inclusion in Energy sector, Renewable Energy and Environmental Effect, Climate Change and Role of Women	<b>Durre Mehmood</b> <b>Fatima Anila</b> <b>Umer Mukhtar</b> (WIRE Team)
7:00 to 7:30 pm	<b>What do I know? – Fun Quiz</b> General Knowledge and Common-Sense Q&A regarding RE and Climate	<b>Sohni Dharti Team</b>
7:30 to 8:00 pm (Online Session)	<b>Benchmarking Industrial Perspective:</b> Renewable Energy, Energy Efficiency and Non-Energy Benefits in Energy Intensive Industries & their impact on Environment and Climate	<b>Erik Gudgberg</b> – International Expert on Energy Efficiency for Industry & Director Your Energy Denmark
8:00 to 9:00 pm	<b>Group Discussion</b> Learning from the Past - Pakistan's Climate & RE Landscape; Understanding Regional Climate; Understanding the Challenge – Renewable Energy, Climate Effect & Gender Nexus	Lead by: <b>WIRE Team</b> Coordinated by: <b>Mentors</b>
9:00 to 9:30 pm	<b>Bonding Dinner</b> Time to hit it off with fellows	<b>Volunteers</b>

Day 2	Saturday, 29 <sup>th</sup> September 2018	
Time	Activity	
9:30 to 9:40 am	<b>Recall Day 1</b> A quick recollection of Day 1 discussions to create momentum	Lead by: <b>WIRE Team</b> Coordinated by: <b>Mentors</b>
9:40 to 11:00 am	<b>Circular Economy &amp; Energy Value Chain</b> Understanding the Scenario and Prepare a Story Board for Design Quest.	<b>Dr. Fatima Khushnud</b> CEO – Independent Power Producers Association (IPPA)
11:00 to 11:30 am	<b>Tea and Find to Retweet Game!</b> Impactful Tweeting for RE & Climate Change	<b>Volunteers</b>
11:30 to 12:00 pm	<b>Understanding the Market 1:</b> The Renewable Energy Market in Pakistan and its impact on Pakistan’s Energy Mix – Opportunities and Challenges.	<b>Ms. Sobia Nisar</b> CIO – Solar Sigma Ltd <b>Ms. Hira Wajahat</b> Consultant – Stimulus Pvt Ltd
12:00 to 12:30 pm	<b>Understanding the Market 2:</b> The renewable energy urban markets, consumers behavior, challenges and opportunities with respect to Climate Action and Energy Efficiency	<b>Ms. Rehana Aziz</b> Expert – Reon Energy Ltd <b>Ms. Humairah Jabeen</b> Expert – Reenergia Enhar
12:30 to 1:30 pm	<b>Panel Discussion 1:</b> Mobilizing the sustainable energy finance to promote renewables, green credit options, prospects, challenges and opportunities in Pakistan  <b>Moderated by:</b> Ms. Samar Hasan – CEO Epiphany	<b>Panelists:</b> Mr. Amer Z. Durrani – Reenergia Dr. Fatima Khushnud – IPPA Ms. Nida Ather – PIF Dr. Basharat – Ex DG PCRET Mr. Ali Sarfaraz – CEO Karaandaz Dr. M. Zeeshan – SDPI
<b>1:30 to 2:30 pm</b>	<b>Lunch break/Prayer break</b>	
2:30 to 3:30 pm	<b>Panel Discussion 2:</b> Entrepreneurship - Sustainable development through green social enterprises  <b>Moderated by:</b> Ms. Shahnaz Kapadiya – CEO Mera Maan	<b>Panelists:</b> Mr. Fritz Böhmler – Solar-b Ms. Nida Ather – Innoventures Ms. Ayesha Durrani – Gender Specialist SEP Project Tetrattech Dr. Baqar – DG PCRET Ms. Humaira Sajjad – TIC NUST
3:30 to 5:30 pm	<b>Professional Grooming:</b> Professional Pathway: Job Market & Skills Requirements, CVs & Scholarship Opportunities.  <b>Moderated by:</b> Ms. Durreshahwar – CEO PakW2E2	<b>Panelists:</b> Ms. Zeea Hasan – NSheild Ms. Nida Ather – Innoventures Ms. Ayesha Durrani – Tetrattech Ms. Samar Hasan – Epiphany Ms. Rehana Aziz – Reon Ms. Humaira Sajjad – TIC NUST Mr. Zill e Huma – MoCC Ms. Hira Wajahat – Stimulus Ms. Sana Ahmed – Ecochange
5:30 to 6:30 pm	<b>Tea Break</b> Secure your Reference Networking	<b>Volunteers</b>

## Continued Day 2 – Saturday, 29<sup>th</sup> September 2018

Time	Activity	
6:30 to 7:00 pm (Online)	<b>Surviving the Odds</b> Strategies for Leading & Succeeding in Male Dominated Industries	<b>Ms. Hira Ali</b> CEO – Revitalize & Rise, UK
7:00 to 8:00 pm	<b>Design Quest Mentoring!</b> Mentor Support for the designing of an eco-friendly Model showing energy mix, energy flow and environmental impact. Instruction Manual will be provided.	<b>Mentors &amp; WIRE Team</b>
8:00 to 9:30 pm	<b>Dinner and Musical night</b> Relish & Relax with the melody	<b>Volunteers</b>

## Day 3 Sunday, 30<sup>th</sup> September 2018

Time	Activity	
9:00 to 10:00 am	<b>Design Quest - Model</b> Presentations	<b>Participants</b>
10:00- 12:00 pm (15 Mins Each)	<b>Case Studies</b> 1. The distributed power generation and mini-grids in Sindh and KPK	<b>Ms. Humairah Jabeen</b> RE Expert Reenergia Enhar
	2. Waste Heat Recovery Power Plant at Bestway Cement Factory, Kalar Kahar and its impact on Environment & Climate.	<b>Mr. Farrukh Ahmed</b> Head of Environment Bestway Cement
	3. Rooftop Solar Systems and Net Metering Installations; impact on Consumer's bills, Energy use and Environment.	<b>Mr. Nisar Latif</b> CEO Solar Sigma
	4. Solar Patrolling Cars – A smart approach towards Eco-Friendly Transportation in Pakistan	<b>Dr. Aslam Azad</b> CEO Economia
	5. Bio Gas Plants – Black Gold Mine – Potential & Challenges in Pakistan	<b>From PCRET</b>
	6. Wind Power Plants – Potential & Challenges in Pakistan	<b>From AEDB</b>
12:00 to 12:30 pm	<b>Understanding the Market 3:</b> Rural Electrification: Pakistan's First Green Accelerator - Catalyzing the consumer based off-grid markets through village growth accelerator program (Solar, Wind and Bio Gas)	<b>Mr. Amer Z. Durrani</b> CEO Reenergia – Enhar
12:30 to 1:30 pm	<b>ICT with Energy &amp; Climate Action - Opportunities</b> The smart prosumers approach to energy management, energy efficiency & climate action, through ICT & IoT – Opportunities for Entrepreneurs	<b>Ms. Amna Masood</b> CEO Maven Logix Pvt Ltd. <b>Ms. Farhat Bashir</b> CEO Seerab GIS Services
1:30 to 2:30 pm	<b>Prayer and Lunch break</b>	<b>Volunteers</b>

## Bootcamp Pledge Signing Closing Ceremony Plan

Day 3 Sunday, 30 <sup>th</sup> September 2018		
Time	Activity	
2:30 to 3:00 pm	<b>WIRE Connect – IdeaGist Knowledge Sharing Platform</b> IdeaGist Presentation and Participant profiling for continued learning	<b>Mr. Omar Ghani</b> Country Director – IdeaGist Global
3:00 to 3:30 pm	<b>WIRE Connect-SohniDharti ClimActPk Pledge</b> Affirming the Importance of Climate Action Pledge & Promotion of RE as Means to Mitigate Climate Change Risk. General Practices in the World.	<b>Ms. Ailsa Lamont</b> Founding Director – Pomegranate Global
3:00 to 4:00 pm	<b>WIRE Connect-SohniDharti ClimActPk Oath &amp; Pledge</b> Oath Taking & Pledge Signing by Mentors Oath Taking & Pledge Signing by Participants	<b>WIRE Team, Mentors, Volunteers &amp; Participants</b>
4:00 to 5:00 pm	<b>Key Notes by Sponsors &amp; Guests of Honour</b> Australia Awards Independent Power Producers Association Mera Maan PCRET UN Women/UNIDO	<b>Ms. Erum Rabbani</b> <b>Dr. Fatima Khushnud</b> <b>Ms. Shahnaz Kapadiya</b> <b>Dr. Baqar Raza</b> Representative
5:00 to 5:30 pm	<b>Certificates Distribution</b> Guests distributing the Certificates among Participants	<b>WIRE Team</b>
<b>5:30 pm</b>	<b>Closing High Tea and Networking</b>	<b>Volunteers</b>
6:00 pm	<b>Face the World</b> Departure to Islamabad	<b>WIRE Team &amp; Volunteers</b>



### ADDITIONAL SUPPORT PARTNERS

