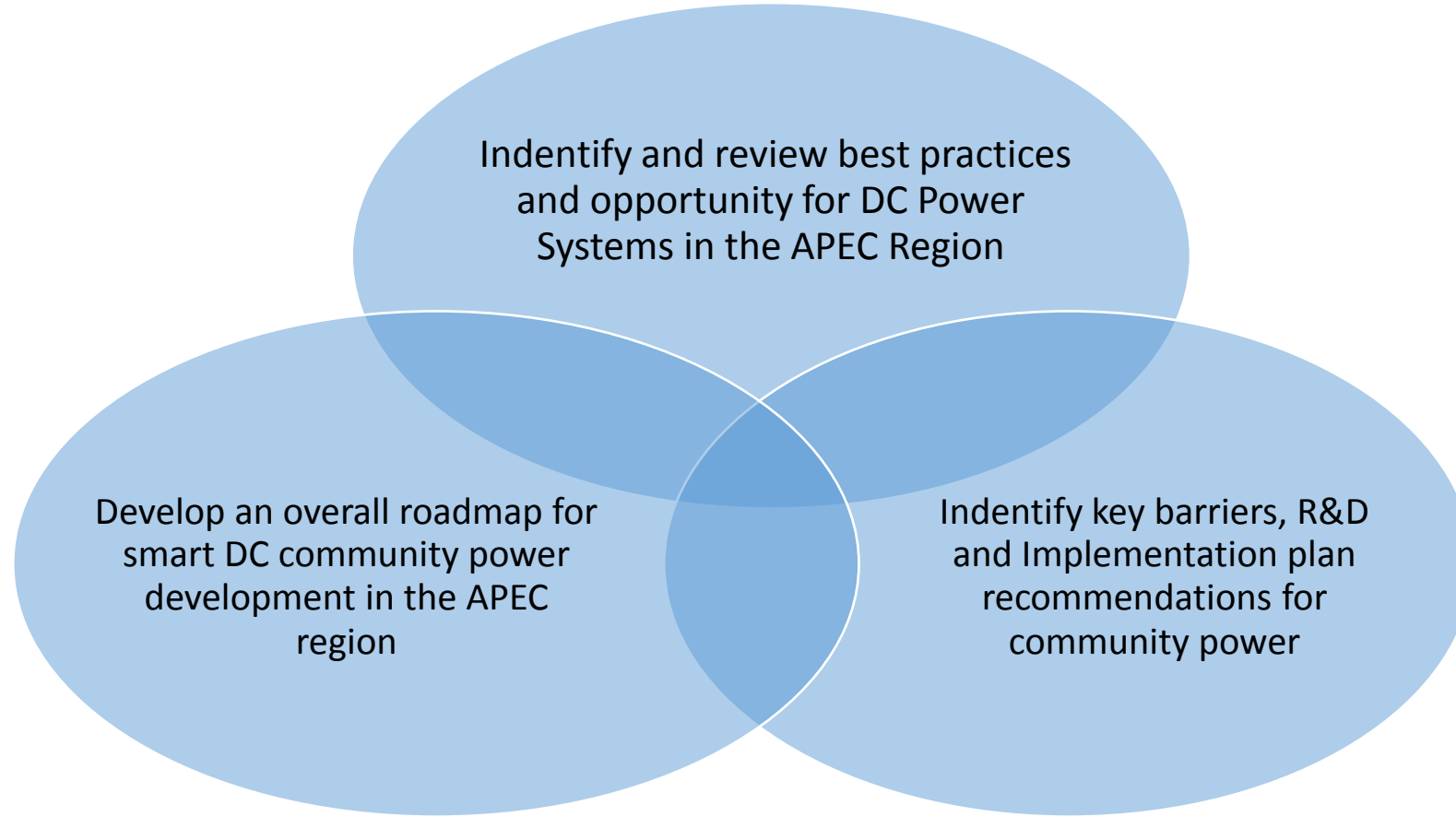


APEC Smart DC Community Power
Opportunity Assessment
(EWG / EWG 06 2013A)

Objectives



Co-sponsoring economies: USA, China, Chinese Taipei, Hong Kong, Malaysia, Indonesia, Vietnam

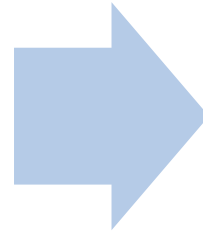
Funding:
APEC Funding: \$95000
Self Funding: \$25000

Scope of work

1. Develop an initial report identifying and reviewing best practices and opportunities for DC power systems for community in the APEC region
2. Develop a finalized series of academic, professional and industry speakers for APEC that will attend and support workshop on DC Community Power
3. Identify and develop workshop location site and support logistics
4. Conduct a workshop and provide logistical support to participating speakers (including travel and hotel information)
5. Develop a final report on the DC Community Power Workshop and prepare summary materials

Outcome

to provide the opportunity assessment for smart DC community power in the APEC economies.



At the end of the project, DC community power system roadmap, best practices, key barriers, key R&D topics, application and implementation recommendations will be derived

Work Plan

	Expected outputs	Timelines
	Project Planning Report identifying detailed project planning steps and timeframe	September 2013
	Initial Report identifying and reviewing best practices and opportunities for DC power systems for community in the APEC region	January 2014
	Draft agenda and initial list of attendees	March 2014
	Workshop conducted over a 2-day period	July 2014
	Summary report and workshop overview	October 2014

The completion of the project is expected by October 31, 2014.

APEC Workshop on Smart DC (Direct Current) Power Opportunity for Community

• **Thurs 24 – Fri 25 July 2014**

Venue:

**Chiang Mai World Green City,
CMR University,
Chiang Mai, Thailand**

Best practices and opportunities for DC Power System in APEC Region

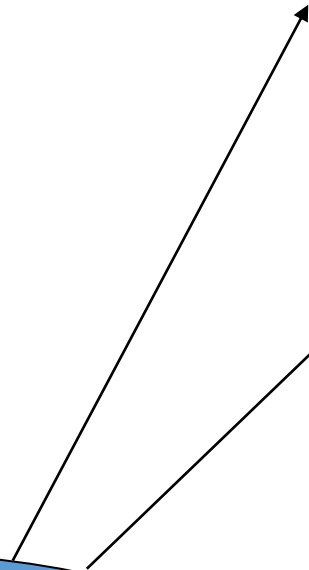
Roadmap for smart DC community power development in the APEC region

Key barriers, R&D and Implementation plan recommendations for DC community power

Aiming



To share knowledge



Agenda

<i>Day 2: 25th July 2014</i>	
09.00 – 10.45	Session 5: Opportunities for DC Community Power Systems in the APEC region
10.45 – 11.15	Coffee Break
11.15 – 11.45	Session 6: Group Presentation on Roadmap for DC Community Power Development in the APEC Region
11.45 – 12.00	Wrap – up and Conclusions
12.00 - 13.30	Lunch
13.30 – 18.00	Cultural/Excursion tour
THE END	

Agenda

<i>Day 1: 24th July 2014</i>	
08.30 – 09.00	Registration
09.00 – 09.15	Opening speech
09.15 – 09.30	Seminar overview: General introduction, objectives and expected outcomes of the Seminar
09.30 – 10.45	Session 1: Overview on Smart Grid Systems for Community Level
10.45 – 12.00	Session 2: Best Practices for Community Power Systems in the APEC region
12.00 – 13.30	Lunch
13.30 – 14.15	Session 3: The Challenges and Barriers for DC Community Power Systems Development and Implementation
14.30 – 17.15	Session 4: Group Breakout: Overall Roadmap for DC Community Power Development in the APEC Region
17.15 – 17.30	Discussion and Wrap up of Day 1
18.00 – 20.00	Welcome Dinner

CHIANG MAI WORLD GREEN CITY



- Zone A**
- A1 Office
 - A2 Restaurant
 - A3 Restroom
 - A4 Green Cottage
 - A5 A-Frame House
 - A6 Diamond House
 - A7 Box House
 - A8 240 VDC House
 - A9 Mini-Mart
 - A10 Coffee Shop
 - A11 Farm
 - A12 Parking Lot
 - A13 Solar Farm

- Zone B**
- B1 adICET Meeting Room
 - B2 Turtle Back Meeting Hall
 - B3 Bamboo Meeting Hall
 - B4 Restroom
 - B5 Umbrella Meeting Lawn

- Zone C**
- C1 Chiang Mai World Green City Sign
 - C2 Outdoor Exhibitions
 - C3 Bird House Meeting Hall-Indoor Exhibition
 - C4 Restroom
 - C5 Bird House Lawn











Thank you for
your kind
attention

