

High Technology Roadmap

Ashgabat
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Proposed Investment Projects by Each Country

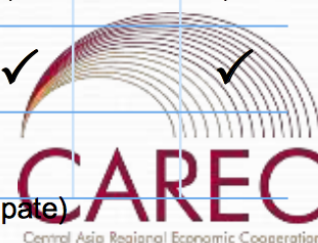
(Based on brainstorming session on 29 July in Tokyo and updated on 9 September in KL)

Project No.		AFG	AZE	KAZ	KGZ	MON	PAK	TAJ	TKM	UZB
A. Supply Side										
1	Solar powered micro-grid for remote areas	✓			✓			✓		
2	Adoption of clean coal technologies in power generation			✓		✓	✓			
3	Improve efficiency of solar industry / establish new industry					✓			✓	
4	Solar off-grid to reduce demand from diesel	✓			✓	✓	✓	✓		
5	Recycling of municipal waste for power generation	✓		✓			✓	✓		✓
B. Electric Vehicle and Storage										
6	Battery based grid storage for reliability improvement of renewable energy			✓		✓		✓		✓
7	Electric vehicles (bus, cars, motorcycles and scooters) pilot for government fleet and public transport	✓	✓	✓			✓	✓	✓	✓
C. Demand Side and Distribution Efficiency										
8	Demand responses through smart meters and diversified tariffs									✓
9	LEDs for public lighting and offices	✓	✓		✓		✓			
10	Efficiency in distribution efficiency and loss reduction			✓	✓		✓	✓		✓
11	Improve load dispatch systems and distribution control with SCADA	✓			✓	✓		✓		✓
12	Reduce heat losses in office buildings by retrofitting				✓	✓				

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✓ Proposed in Tokyo on 29 July 2015 and confirmed in KL on 9 September 2015 (AZE and TKM did not participate)

✓ Proposed on 9 September 2015 in KL; For AZE and TKM, proposed in Tokyo on 29 July 2015



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B. Electric Vehicle and Storage									
7	✓	✓	✓			✓	✓	✓	✓
Electric vehicles (bus, cars, motorcycles and scooters) pilot for government fleet and public transport									
Electric bus	✓		✓			✓	✓		✓
Electric cars	✓		✓			✓	✓		✓
Electric motorcycles							✓		
Electric scooters							✓		

- ✓ Proposed in Tokyo on 29 July 2015 and confirmed in KL on 9 September 2015 (AZE and TKM did not participate in KL)
- ✓ Additional information provided on 9 September 2015 in KL; For AZE and TKM, proposed in Tokyo on 29 July 2015