

Saudi Arabia National Renewable Energy Program



مکب علور مشارع الفاقة تلمد newable Energy oject Development Office



Saudi Arabia significantly increased its renewable energy targets and long term visibility

Planned Capacity (GW)



12 pre-developed projects will be tendered in 2019 with a total capacity of ~3.1 GW





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Projects will be deployed in 35+ parks spread across the Kingdom





35+ parks to be developed by 2030

Spread across

the Kingdom to promote regional development

Gradual deployment to mitigate technology risk





Framework for Developing Tendering Policies

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Qualification

 Technical and financial criteria

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RFP

- Local Content
 requirements
- Prescriptive technical parameters of the plants (location, size, technology)
- Bank Guarantees, EPC term sheets, O&Mterm sheets, financial model



Evaluation

- Public bid announcements
- RFP compliance and than lowest LCOEE



Award

 Short listing and than award. No alternative bids or negotiations





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Saudi Arabia Localization Objectives



كب تطور مشاريه الطاقة





Global Local Content Benchmarks



Bubble size - Installed Renewable Energy Capacity (GW):



MEIM and PIF are working on complementary tracks to promote localization of manufacturing

Track	Development Approach	Allocated Pipeline (% of RE Capacity)	Objectives
Tendered by REPDO	 Competitive tender Increasing local content requirements 	30%	 Enable price discovery Attract private investments Promote market innovation
Awarded to PIF	 Negotiated deal with international partner for project development Captive offtake from large scale manufacturing (200 GW) 	^{II} 70%	 Fast-track localization Target exports of RE equipment Develop Giga-scale projects





Notes: *) Rotor Bearings, Break System, and Main Shaft; **) Power Converter, Transformers, and Fiber-optic Cables





Competitive and Sustainable Industry Value Localization Strategy Approach

- Promote Factory localization
- Expect Development of Supply Chain



Local Content Roadmap



Source: Team Analysis