RENEWABLE ENERGY Medium-Term Market Report 2013

Outlook for solar PV deployment to 2018

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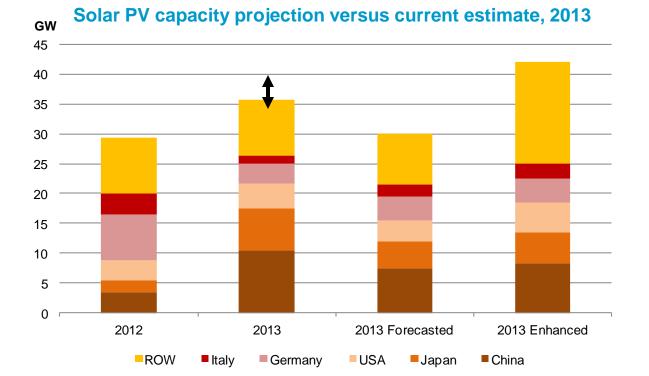
Market Trends and Projections to 2018

Internationa

Solar PV installations for 2013 faster than MTRMR projections



- Estimated solar PV deployment in 2013, 35-36 GW (grid connected), is higher than MTRMR expectation of 30 GW, but lower than enhanced case
- China, Japan, and the US exceeded expectations while Italy and Germany slightly slower than expected
- China deployment may be as high as 12-14 GW (!), which would raise global growth to 37-39 GW (includes capacity not yet connected); China may target 14 GW for 2014

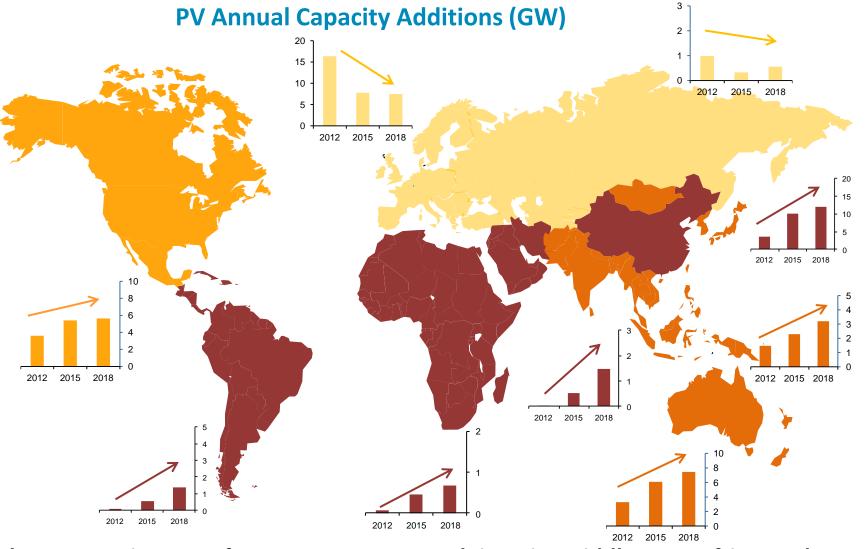


Solar PV deployment spreading out of Europe



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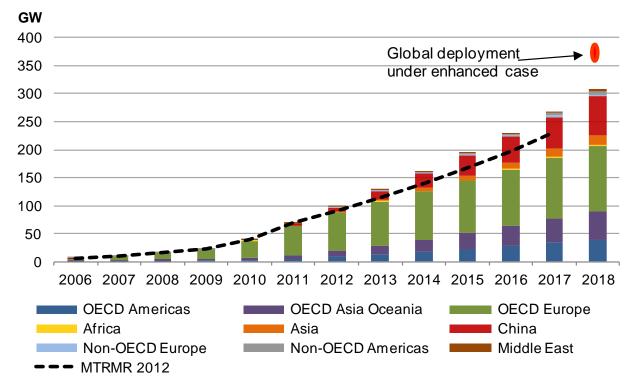
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Solar PV growing out of Europe; strong growth in Asia, Middle East, Africa, and Latam

Solar PV to grow rapidly over the MT

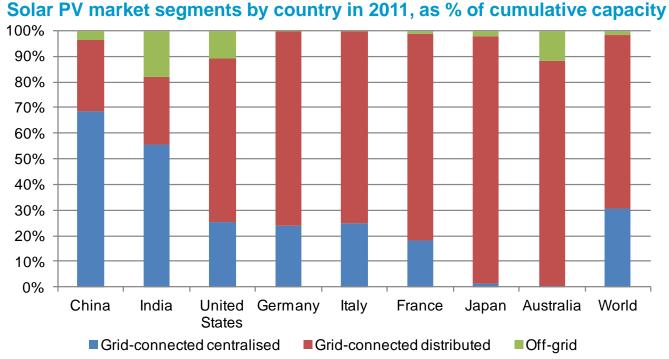
- Medium-Term Renewable Energy Market Report 2013
- Global solar PV capacity seen rising from 98 GW in 2012 to 308 GW in 2018
- Largest upward revisions versus MTRMR 2012: China, Japan and Middle East
- China seen as largest solar PV generator in 2018, then Germany, Japan and USA
- Under enhanced conditions, global capacity could reach 370-390 GW in 2018



Solar PV capacity and projection by region

Solar PV deployment segments vary by market

- Distributed capacity constitutes almost 70% of the world total
- Going forward, utility-scale systems should play large role as solar PV expands to new, sunnier markets
- Distributed systems still play large part of growth, particularly in OECD, and as economics for (partial) self-consumption rapidly improve



Note: where necessary, estimates for segment split were made by system size.

Source: IEA analysis based on the Implementing Agreement for a Co-operative Programme on Photovoltaic Power Systems, 2012.

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