

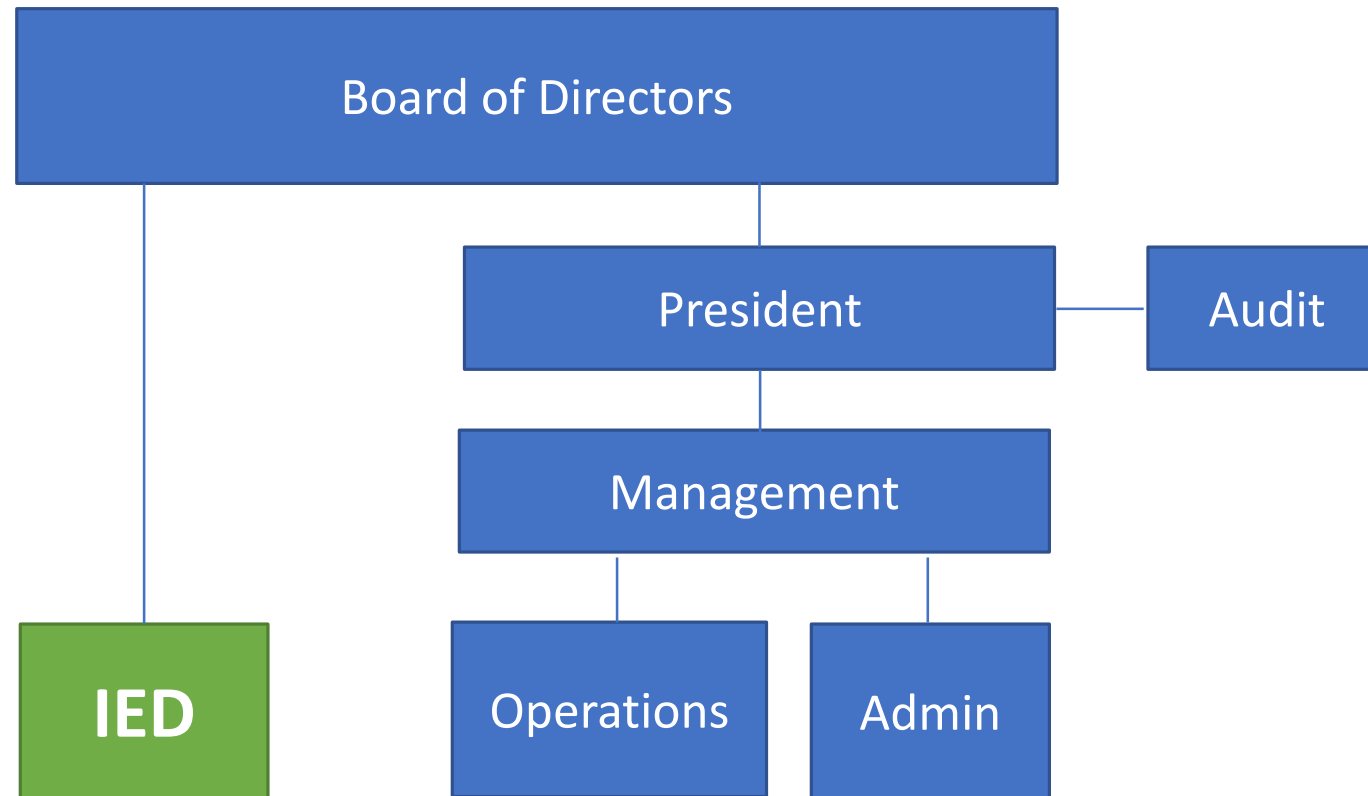
Program Evaluation of IFIs:

Increasing the impact of development organizations in the energy sector

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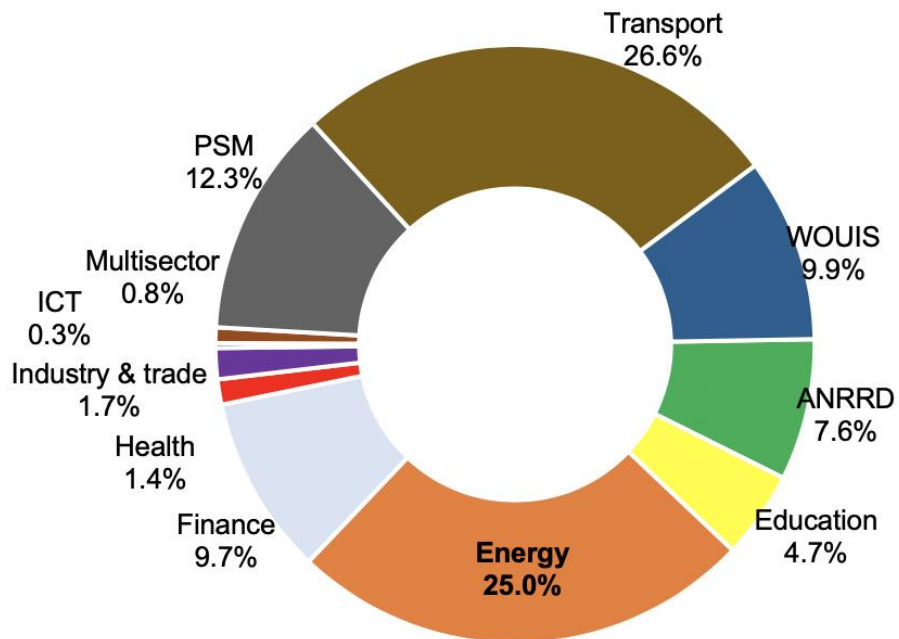


ADB's Evaluation



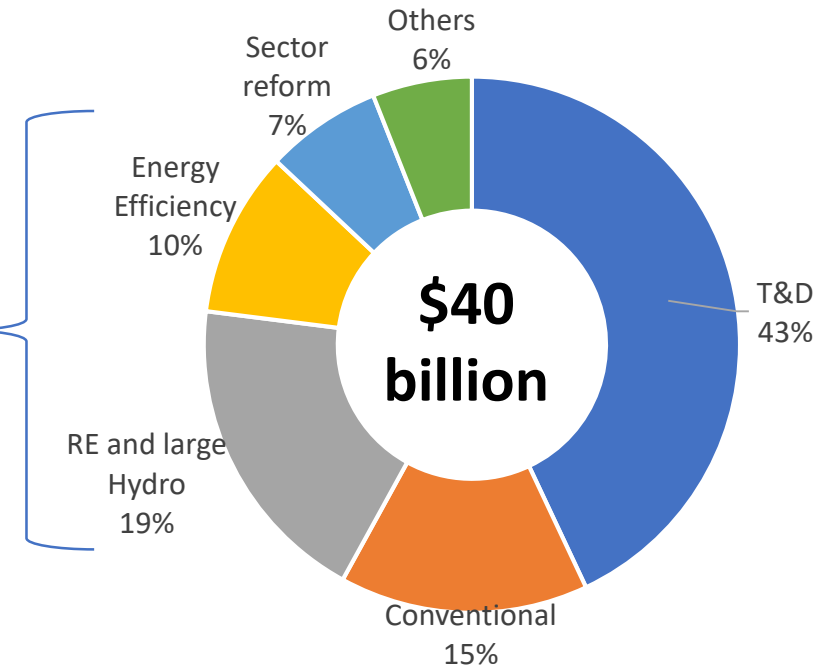
So, what is ADB doing on clean energy?

ADB total approved portfolio since 2009



ADB energy portfolio since 2009 (per subsector)

RE/EE = 29%
\$12 billion



That is nice! But you may wonder:

- **Are those programs appropriate for the needs of DMCs?**
- **What are the results on the ground, and the impact of those programs?**
- **Are they cost effective, or are we wasting money and time?**
- **Will those results stay longer after the programs finish?**

Overall, are we achieving our objectives?

But hold on, what are those objectives anyway?

Are they...

- **The Sustainable Development Goal #7?**
- **Nationally Determined Contributions and COP21?**
- **The Energy trilemma?**
 - **Energy security**
 - **Energy equity and affordability**
 - **Environmental sustainability**

The SDG 7 Questionnaire



7.1 Universal Access by 2030

Access to electricity in Developing Member Countries (DMC)

Good

Meh...

Bad

No idea



Access to clean cooking solutions in DMCs

Good

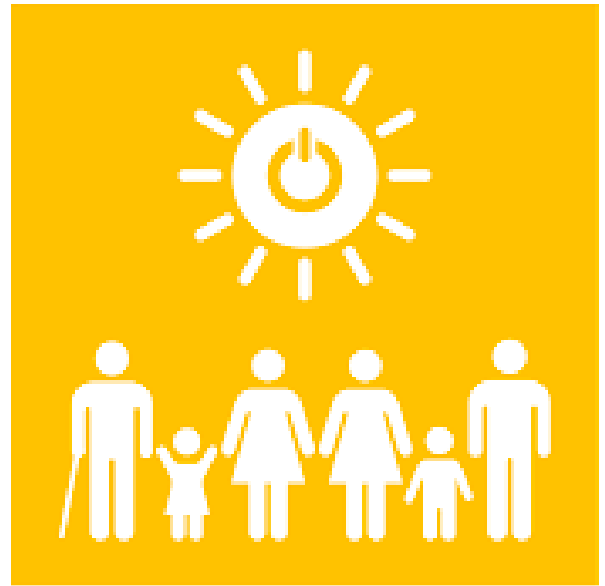
Meh...

Bad

No idea



TARGET 7.1



UNIVERSAL ACCESS TO MODERN ENERGY

7.1 Universal Access by 2030

Access to electricity in DMCs

Good Meh... Bad No idea

Increased from 87% in 2015 to 92% in 2017

Access to clean cooking solutions in DMCs

Good Meh... Bad No idea

Increased from 32% in 2010 to 50% in 2016



7.2 Share of Renewable Energy

How is the increase in share of RE going in DMCs?

Good

Meh...

Bad

No idea



TARGET 7.2



**INCREASE GLOBAL
PERCENTAGE OF
RENEWABLE ENERGY**

7.2 Share of Renewable Energy

How is the increase in share of RE going in DMCs?

Good

Meh

Bad

No idea

**Declined from 30% in 2010 to 27% in 2015
on average**

TARGET

7.2



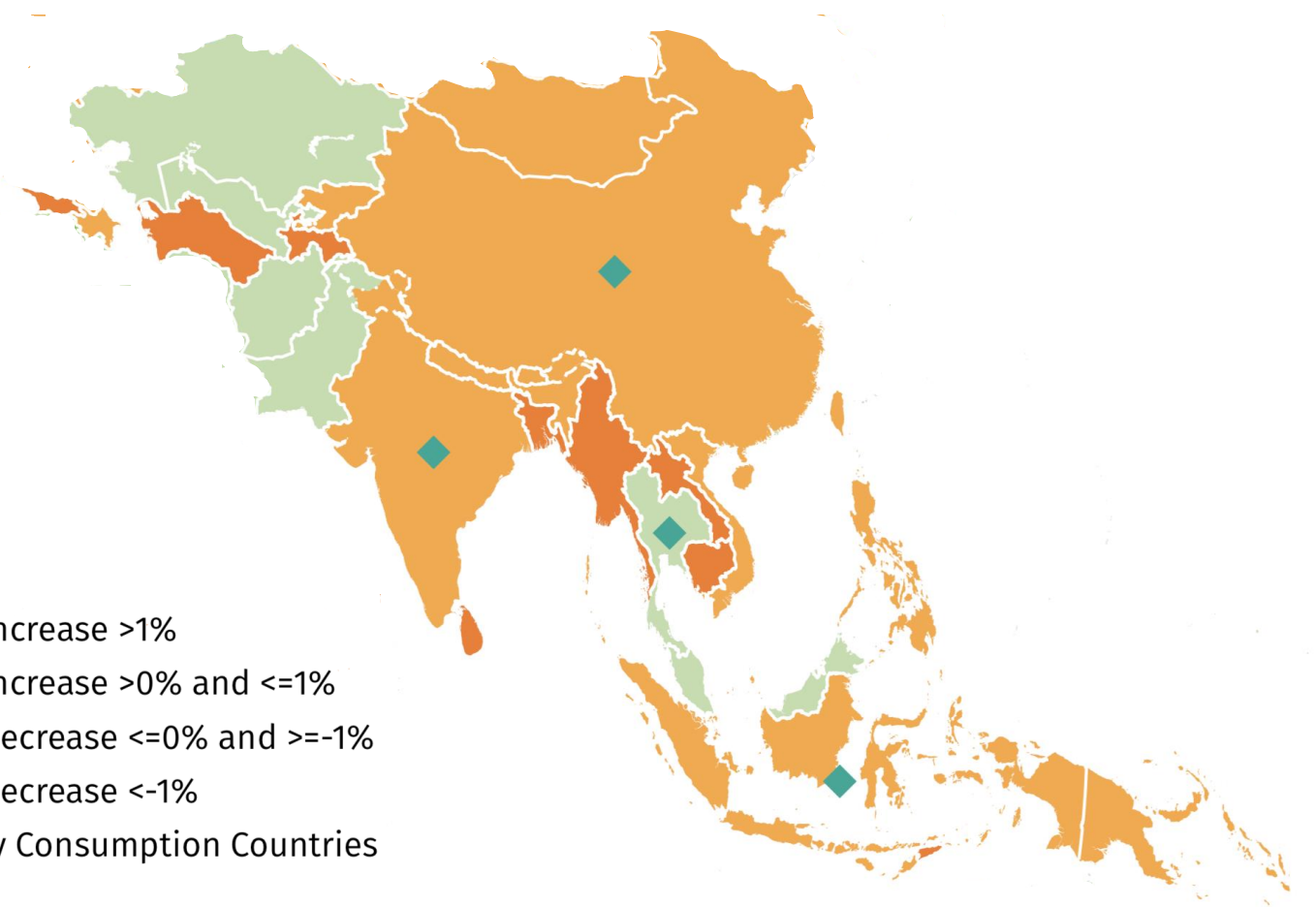
INCREASE GLOBAL
PERCENTAGE OF
RENEWABLE ENERGY

7.2 Share of Renewable Energy

Only 6 DMCs have increased their RE share between 0 and 1% during 2010-2015

(Thailand, Malaysia, Pakistan, Afghanistan, Kazakhstan, and Uzbekistan)

- Avg. annual increase >1%
- Avg. annual increase >0% and <=1%
- Avg. annual decrease <=0% and >=-1%
- Avg. annual decrease <-1%
- ◆ Top 20 Energy Consumption Countries



7.3 Energy Efficiency

What is the improvement in Energy Efficiency?

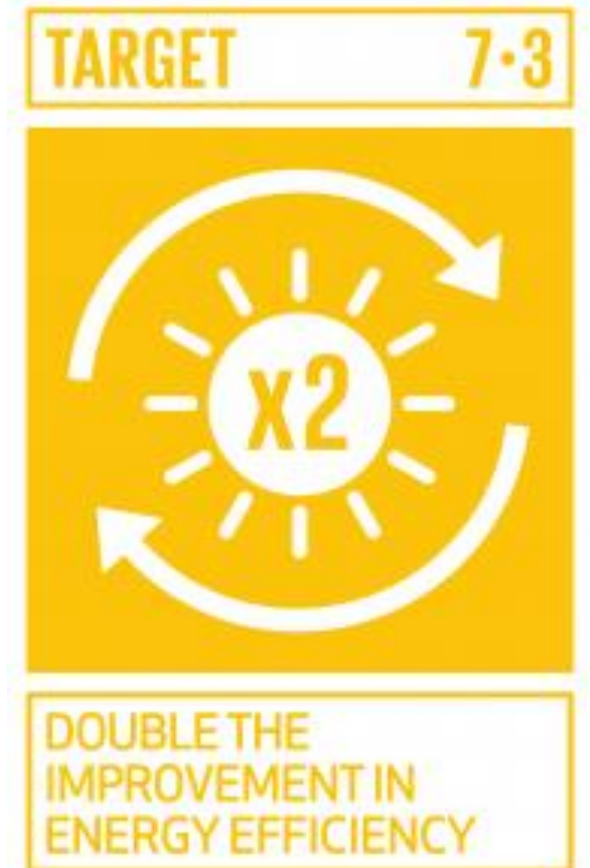
Good

Meh...

Bad

No idea

?



7.3 Energy Efficiency

What is the improvement in Energy Efficiency?

Good

Meh...

Bad

No idea

Energy INTENSITY decreased in most DMCs

(except for Georgia, Armenia, Myanmar, Lao PDR, and Kyrgyz Republic)



What do you think?

Are the results good enough?

Do we need more information to make an objective performance assessment?

E.g., **92%** electrification rate is a high number, but:

- How fast can it grow?
- The last mile is usually the hardest to achieve, isn't it?
- Which countries and which regions are unelectrified?
- How is electricity access measured? Do 50W SHS count as electricity access?
- Et cetera

So, why do we need M&E?

Some people (in operations) think that **M&E is a bit of a hassle.**

Why to spend limited resources in M&E reports instead of building something real? Providing more access for example!

But,

How do you know that what you are doing is the right thing to do and it is done right, if you don't measure it right?

How to measure success of operations?

We use the REES-I methodology: relevance, effectiveness, efficiency, sustainability plus impact.

For most infrastructure operations, the cause-effect link is direct and indicators quantitative → easily measured and assessed

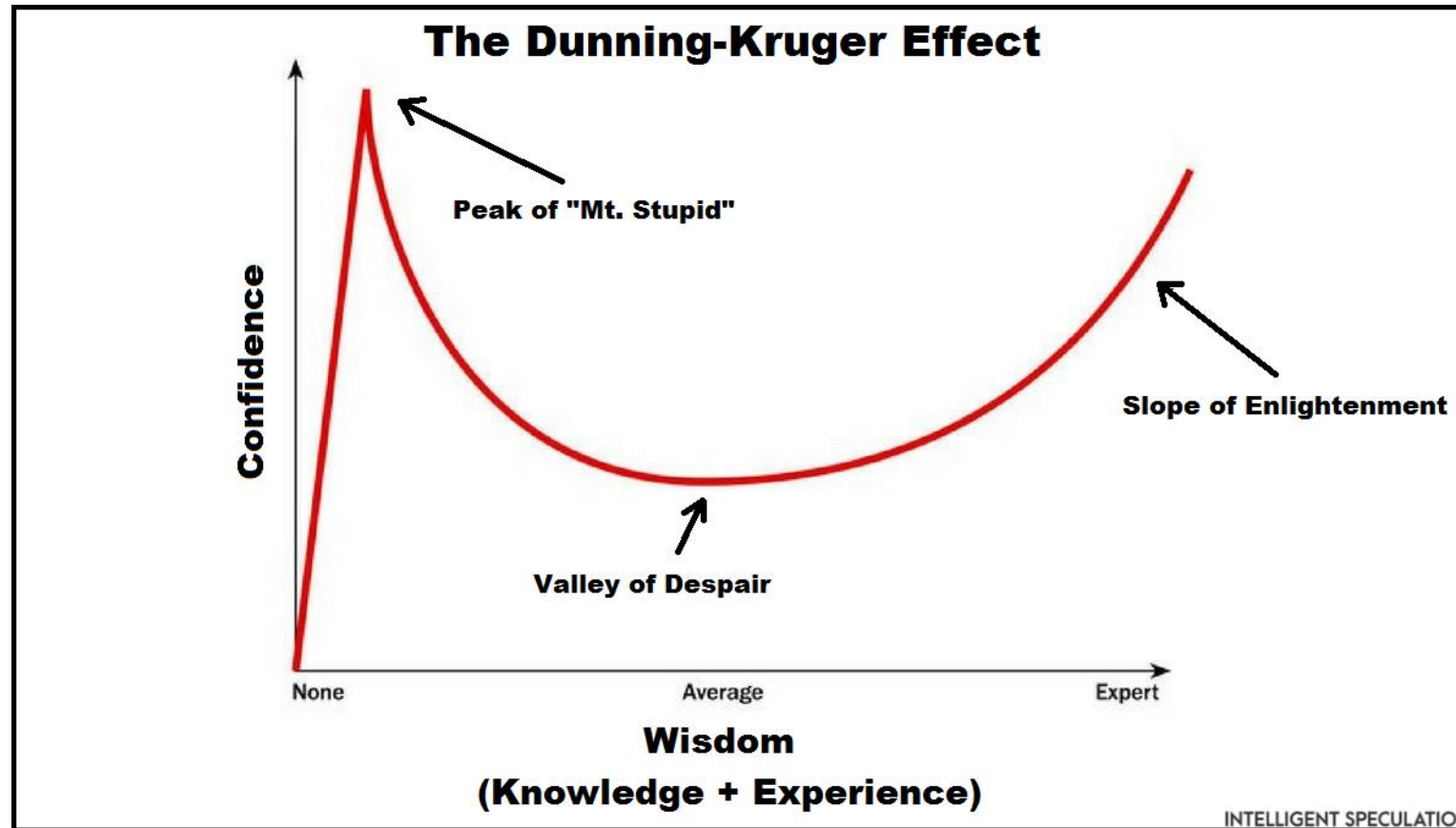
But what about institutional or sector reform or capacity building?

MDBs still struggle measuring the results of technical assistance and reform because the traditional methodologies look at Capex and IRRs only.

How to objectively link quantitative results on the ground with soft investments?

Let's discuss!

You evaluators... doubt everything



Thank you

You can reach out at:

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