

Session 2 – Africa talks

Mr. Venturini (Head of Global E-Solutions)



Enel today

~1.9 mln Km of networks

~ 62 mln of clients

enel

~38 GW of RES capacity

~47 GW of thermal capacity

The world is running at different speeds

~ 2 Bn people

People with no access or
limited access to electricity

Not electrified markets

~ 4,1 Bn people

Markets characterized by rapid
energy demand growth

Emerging markets

1,1 Bn people

Markets characterized by
sluggish energy demand and
overcapacity

Mature markets

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1878



1.2 Bn people on earth

All of them without access to energy

Today



7.4 Bn people on earth

Still 1.2 bn people without access to energy

A group of diverse people, including men, women, and children, are gathered in a dimly lit room with stone walls. They are all looking intently at a smartphone held by a young man in the center. The scene is illuminated by a warm, low-key light source, creating a focused and communal atmosphere. The word "TECHNOLOGY!" is overlaid in the top right corner.

TECHNOLOGY!



Our beliefs

Need to bring energy and the light within homes

Provide energy means to bring progress and development

Minigrid as the best technological solution available



Our clients

Low population density

Economy mainly based on farming

What we didn't know

People prefer to have the light outdoor

Initially solar home systems are sufficient

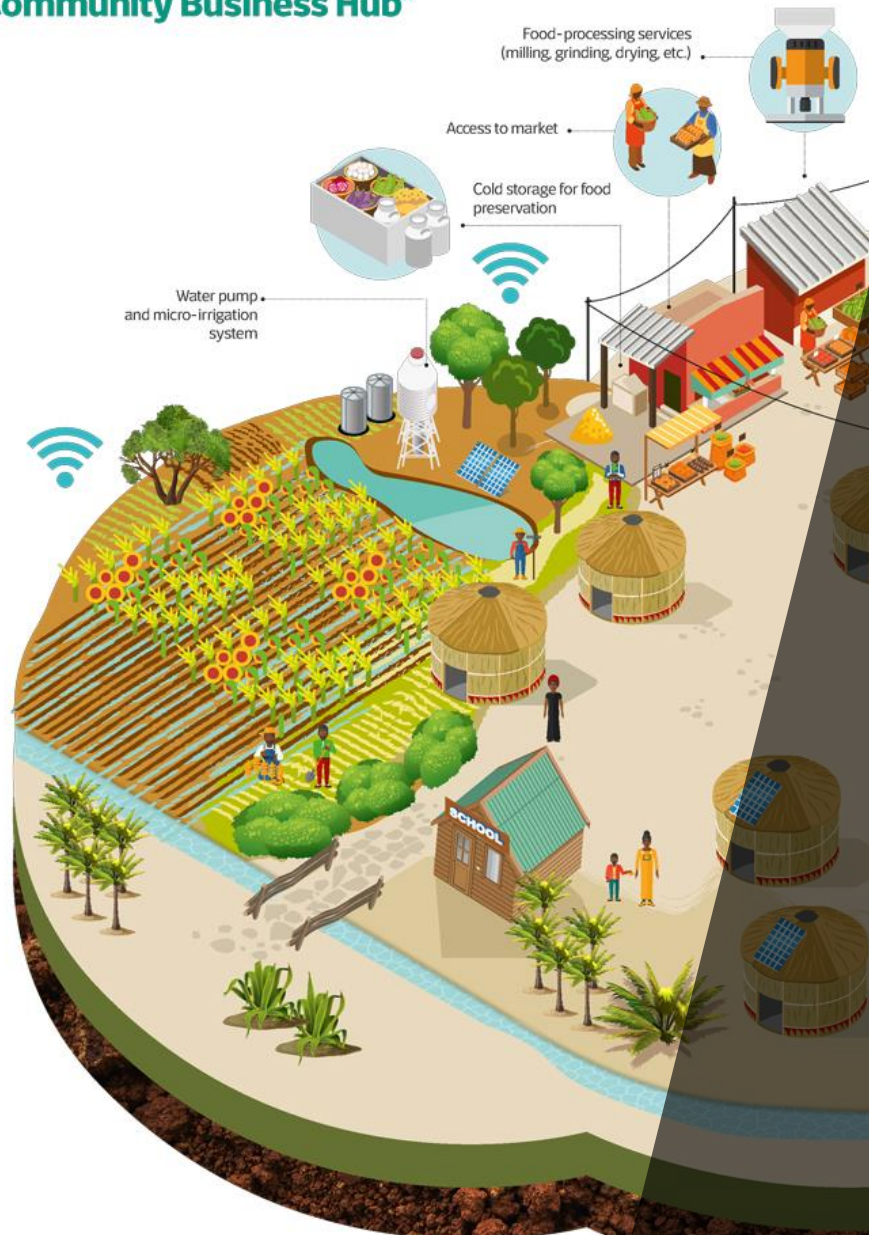
Need to spur economic growth to increase the need of energy



**Our idea for a "Renewable-energy-powered
Community Business Hub"**



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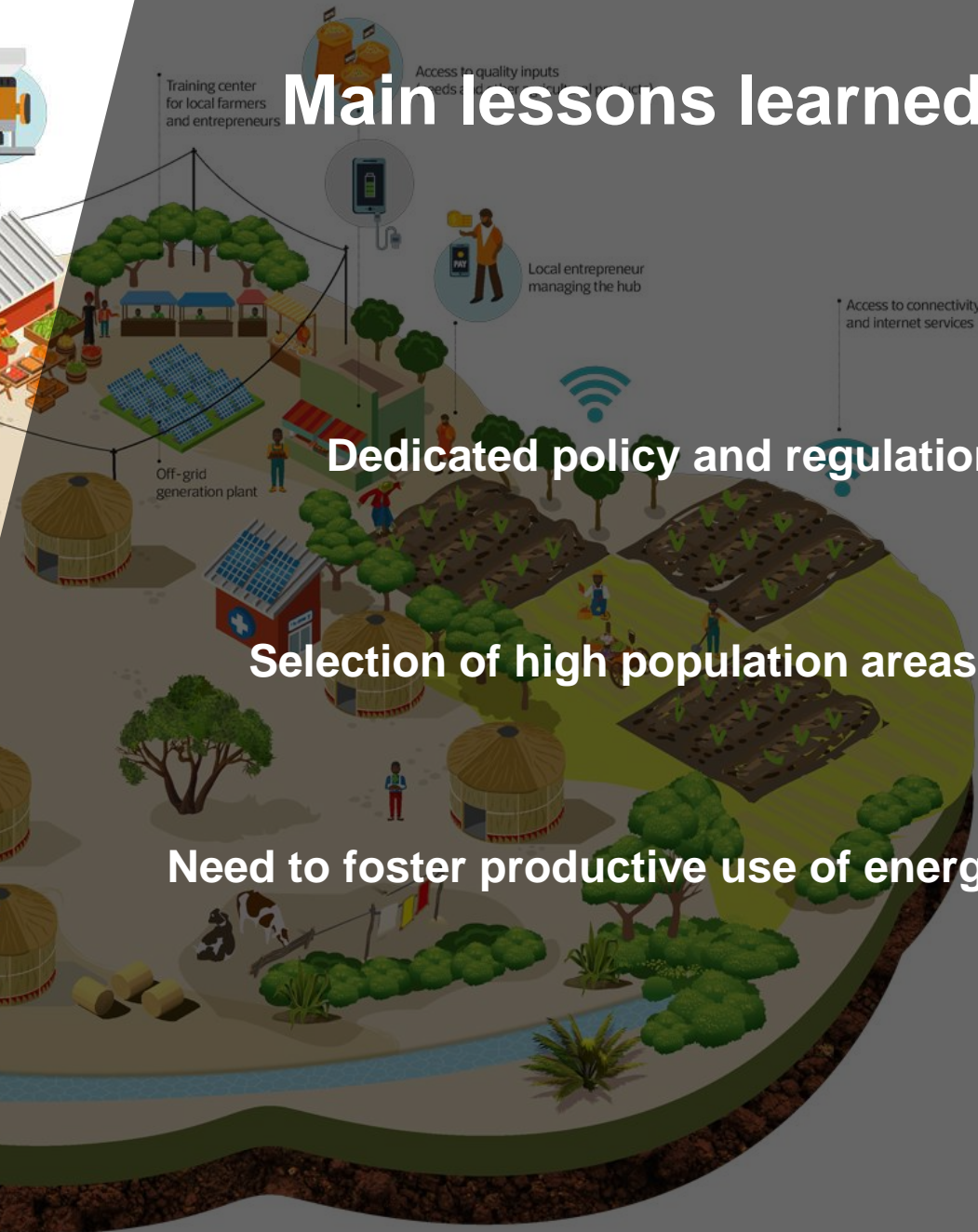


Main lessons learned

Dedicated policy and regulation

Selection of high population areas

Need to foster productive use of energy



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1,1 Bn people

Markets characterized by
sluggish energy demand and
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Mature markets

The world is running at different speeds



~ 1,5 Bn people

**Markets characterized by
sluggish energy demand and
overcapacity**

Mature markets

~ 5,5 Bn people

**Markets characterized by rapid
energy demand growth**

Emerging markets

We will work to help people in climbing the energy ladder