

# Boosting Energy Security with Local Renewable Energy Solutions



Perspectives from International Network for Sustainable Energy, a global network of civil society organisations active on European and international climate and energy policies, projects with members on transition to 100% renewable energy, energy efficiency, sustainable lifestyles / energy sufficiency and energy access

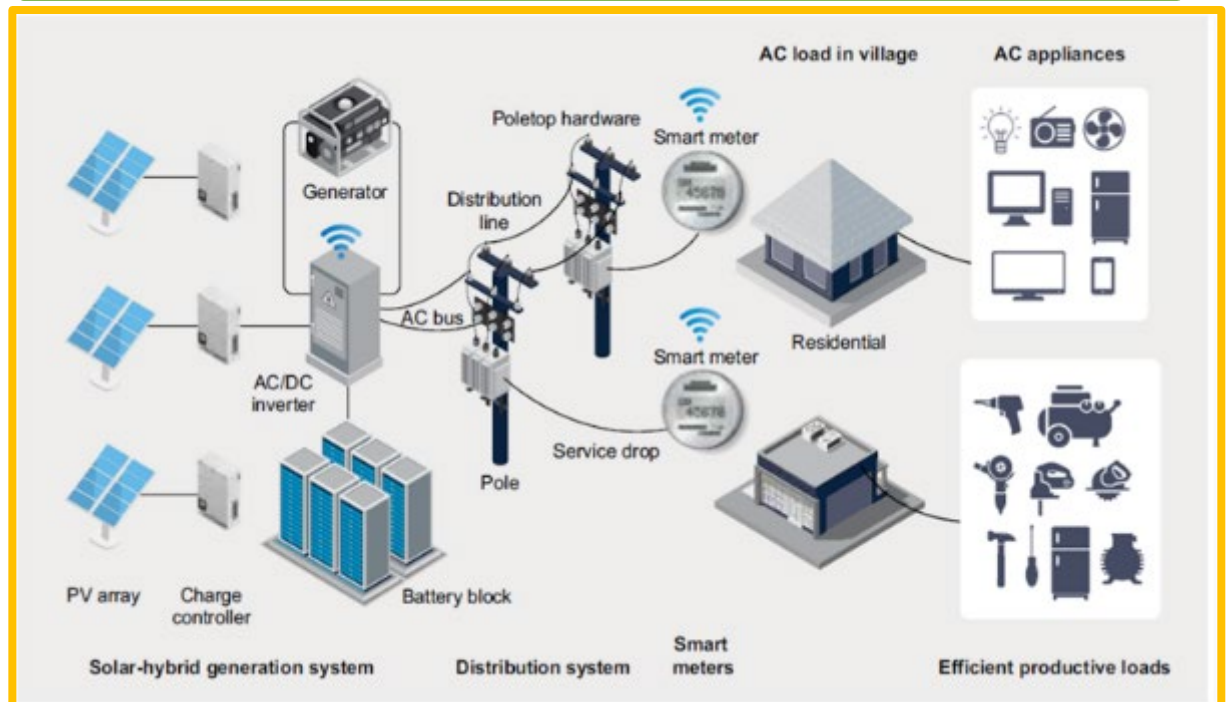
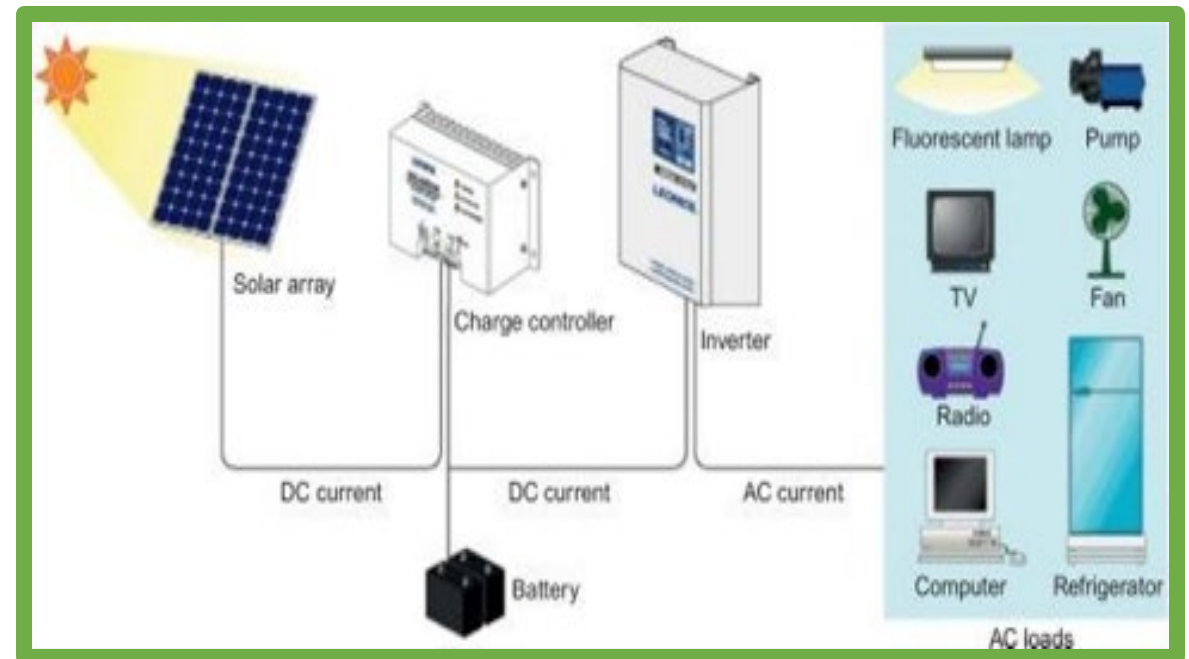
Gunnar Boye Olesen, INFORSE-Europe

November 17, 2022, UNFCCC COP27, Ukrainian Pavilion, Sharm El-Sheikh, Egypt



# The more local, the more Resilient

- Solar Home System
- Solar PV Panels or Wind for Power Production with Island/minigrid option
- Island option for town/small Region power system



# Renewables in District Heating

- Solar heating
- Geothermal heating
- Waste heat from industries
- Heat pumps
- Straw fired heating



# Saving Energy is Always Good

## We developed catalogue of local, simple solutions



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*What Can You Do:*

- To Save Electricity & Heat
- To Use Renewable Energy

## Catalogue of Local Solutions





## SAVING ELECTRICITY BEHAVIOUR



Using natural light when possible



Switch off lights when they're not in use



Periodical refrigerator defrosting



Turn off equipment not in use



Placed refrigerator on distance from heat equipment and sun light



Turn off the standby



## SAVING ELECTRICITY INVESTMENTS



Changing light bulbs to LED



Buy efficient equipment that fits you needs



Search for the power leaks/thieves



Replace old energy consumption equipment (refrigerator, kitchen stove etc)

# Thank you

## INFORSE-Europe's NGO Cooperation Projects in Ukraine:

Civil Society for Sustainable Energy - Local to National in Eastern Europe (SELNEE) supported by CISU, Denmark

Change Agents for a Green Society with Focus on District Heating with support from New Democracy Fund, Denmark



The projects are in cooperation with  
Nordic Folkecenter for Renewable Energy (project leader),  
Renewable Energy Agency (REA) in Ukraine & Ecoaction in Ukraine.

More: [www.inforse.org/europe](http://www.inforse.org/europe)

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