

**Meta-Alert™**

# The new system

for smart management of electricity  
grid & renewable energies



# ABOUT

EGM developed integrated software & hardware solution for smart electricity grid management

Israel



China



India



Albania

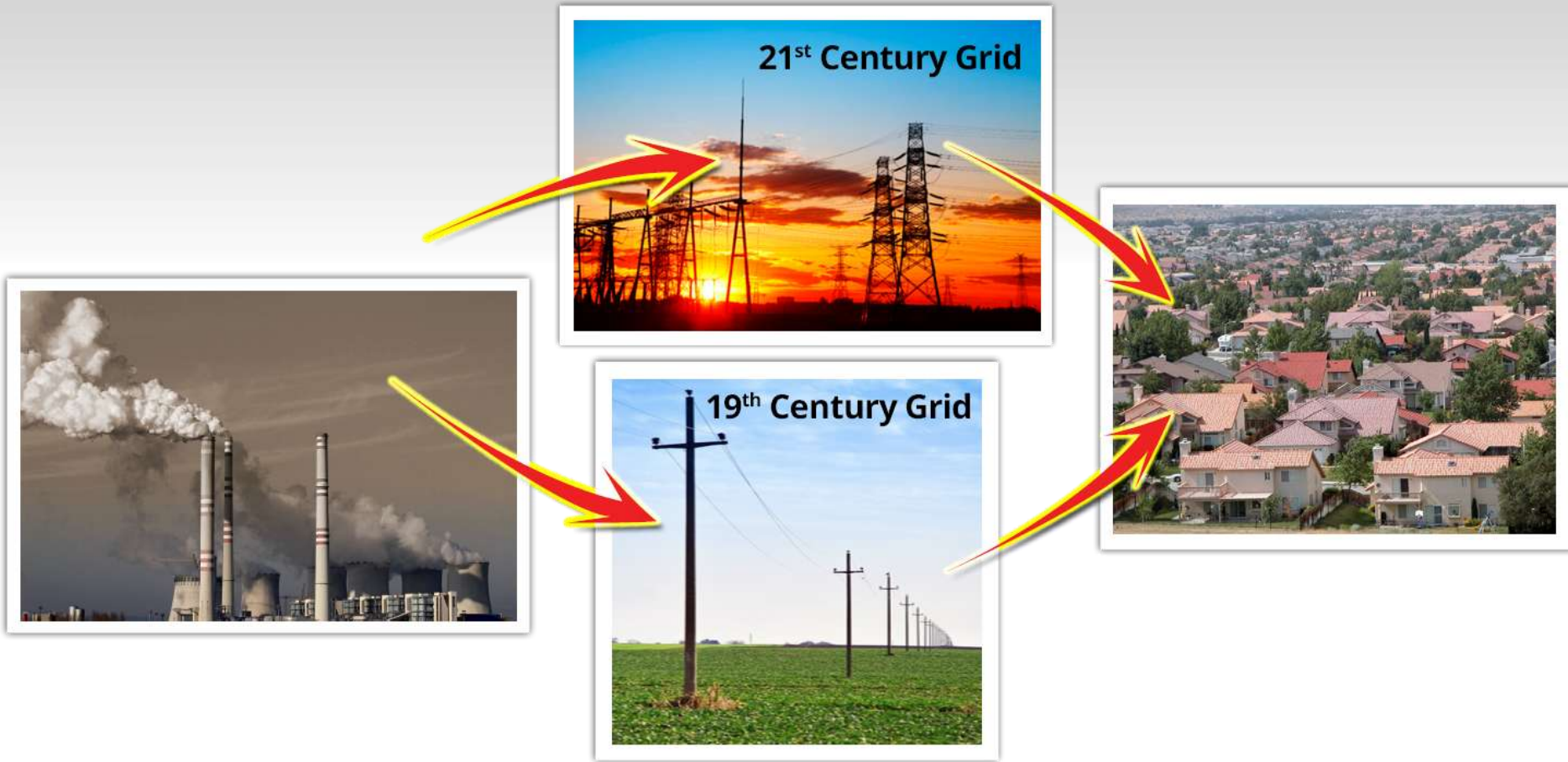


# What is Smart Grid?

Dynamic, adaptive, efficient and secured network that supplies high-quality electricity in the new Distributed Energy Resources era



# Traditional Electricity Flow



# Renewable Energies



- 25 years ago the world embraced higher prices for clean electricity
- Clean electricity generation costs had reduced significantly
- Decreased clean energy prices drives increase clean energy use



# Distributed Energy Resources (DER)



# Dissonance



BUT...

These resources are unstable and exert significant integration difficulties



# The Grid

Can no longer be simple “one-way” electricity channel



It must become a **smart medium** that interconnects all elements, understands – in real time – what happens in each section, and responds accordingly

