

Trendek a napelem ágazatban 2020-ban

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2020.02.19.



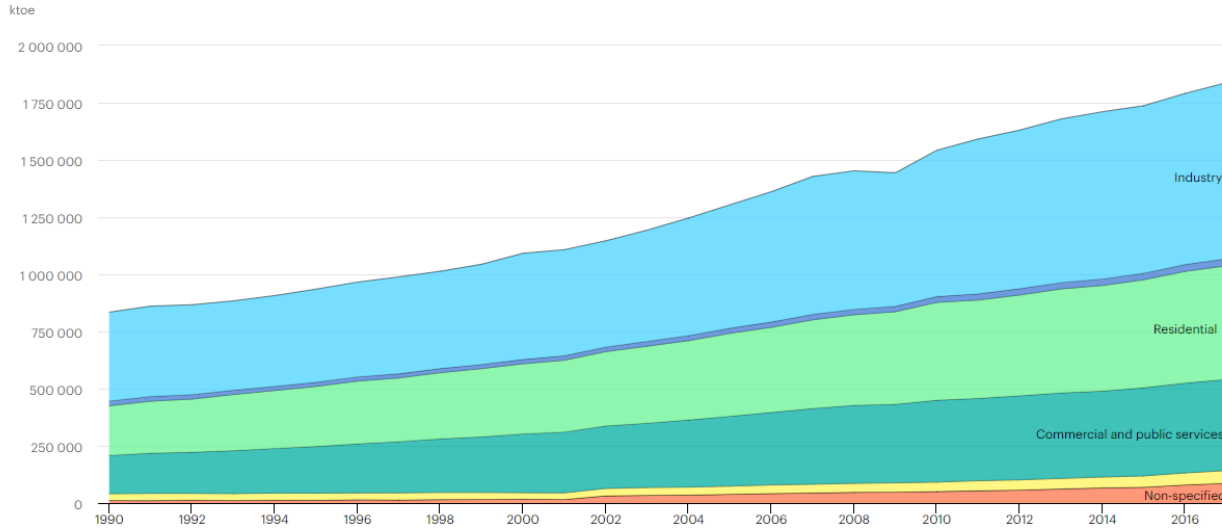
Solarity - Your solar partner

Témák:

- **Energia-igény és energiaforrások**
- **2020 helyzetkép**
- **Meghatározó trendek**
- **Corona vírus helyzetkép**

A világ elektromos energia fogyasztása

Electricity final consumption by sector, World 1990-2017

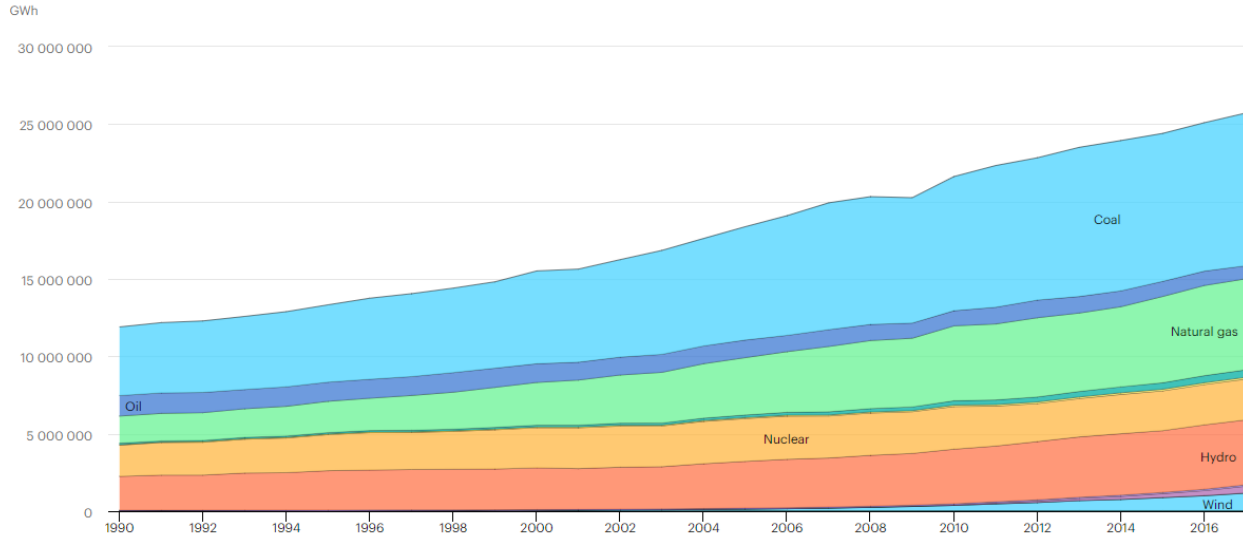


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● Industry ● Transport ● Residential ● Commercial and public services ● Agriculture / forestry ● Fishing ● Non-specified

Az elektromos energia forrásai

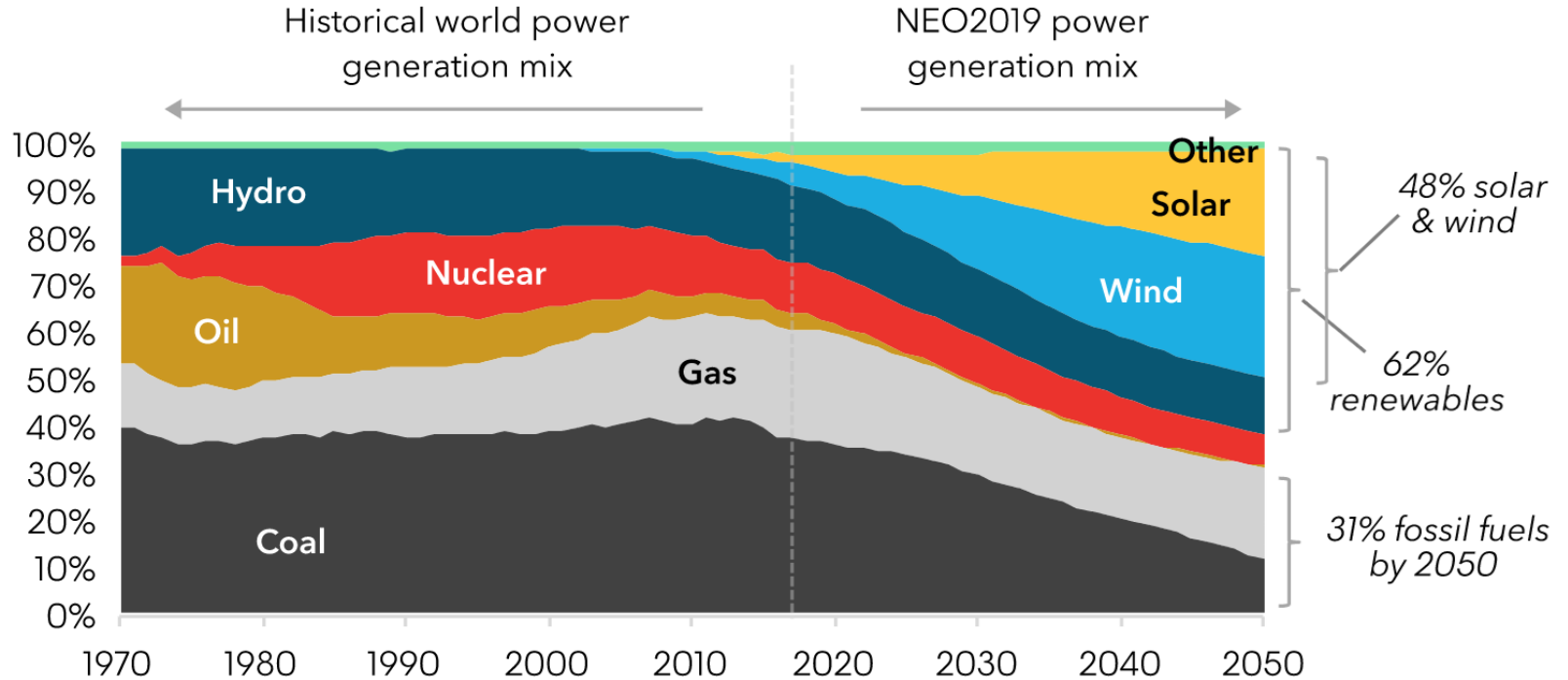
Electricity generation by source, World 1990-2017



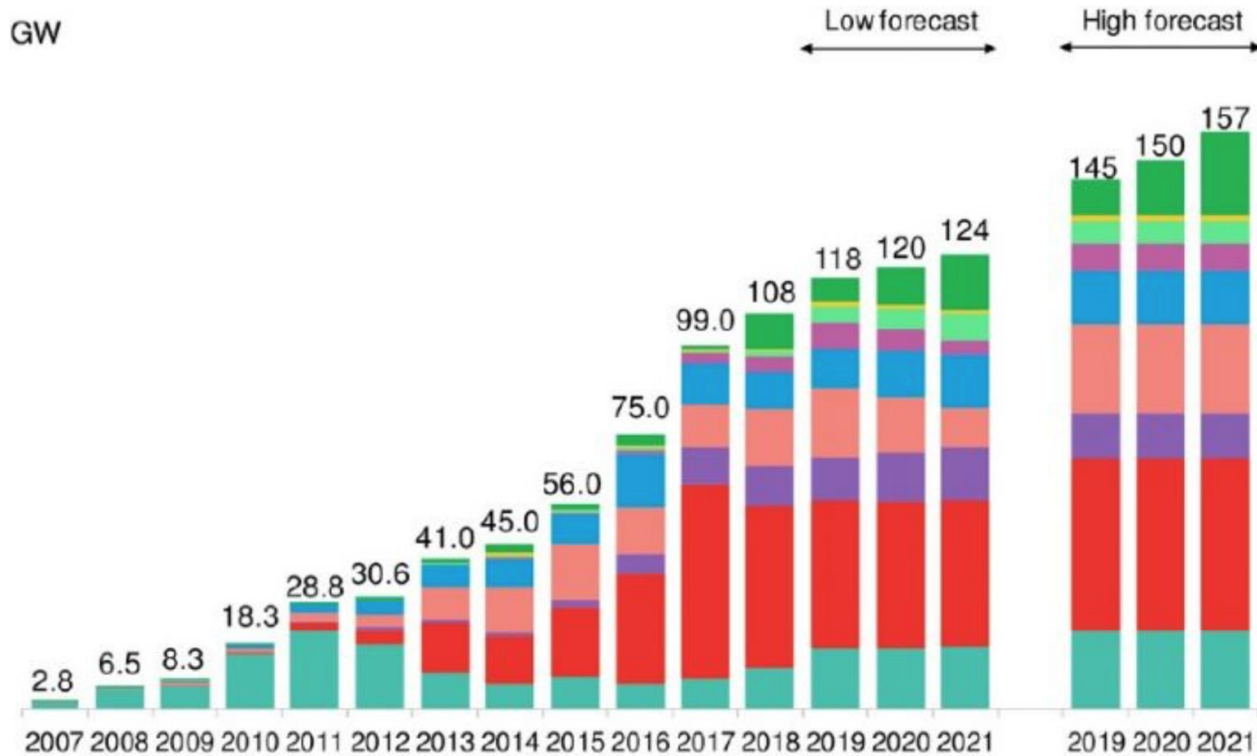
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- Coal
- Oil
- Natural gas
- Biofuels
- Waste
- Nuclear
- Hydro
- Geothermal
- Solar PV
- Solar thermal
- Wind
- Tide
- Other sources

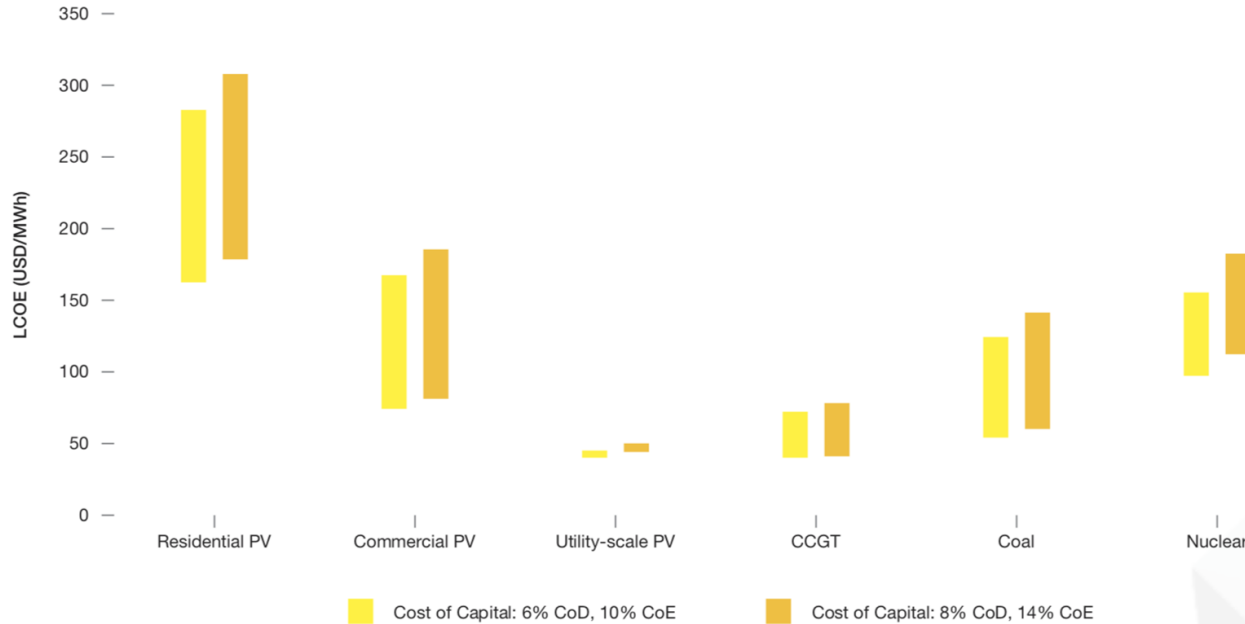
Elektromos energia jövőkép



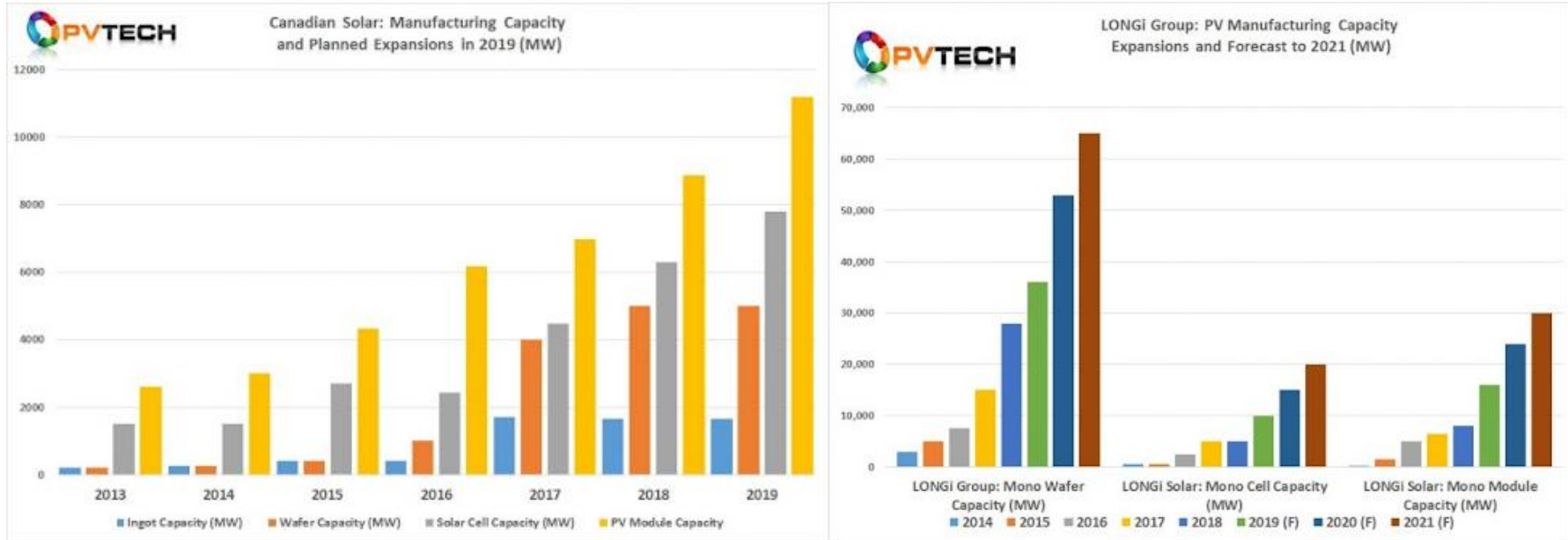
A világ új napelemes kapacitásai



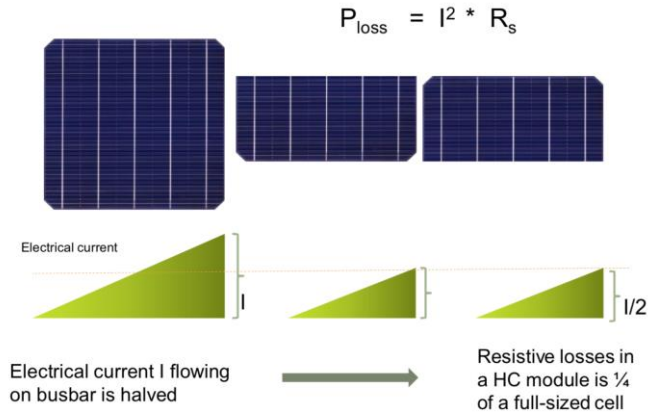
Az áram előállításának költségei



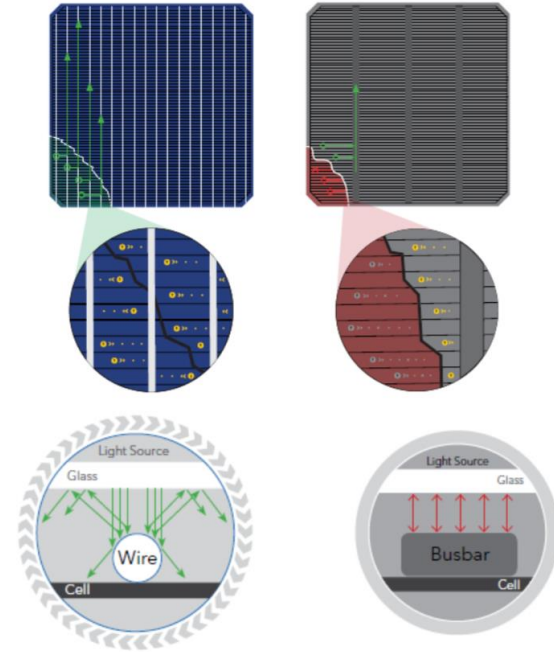
Kapacitások bővülése



Nagyobb teljesítményű modulok

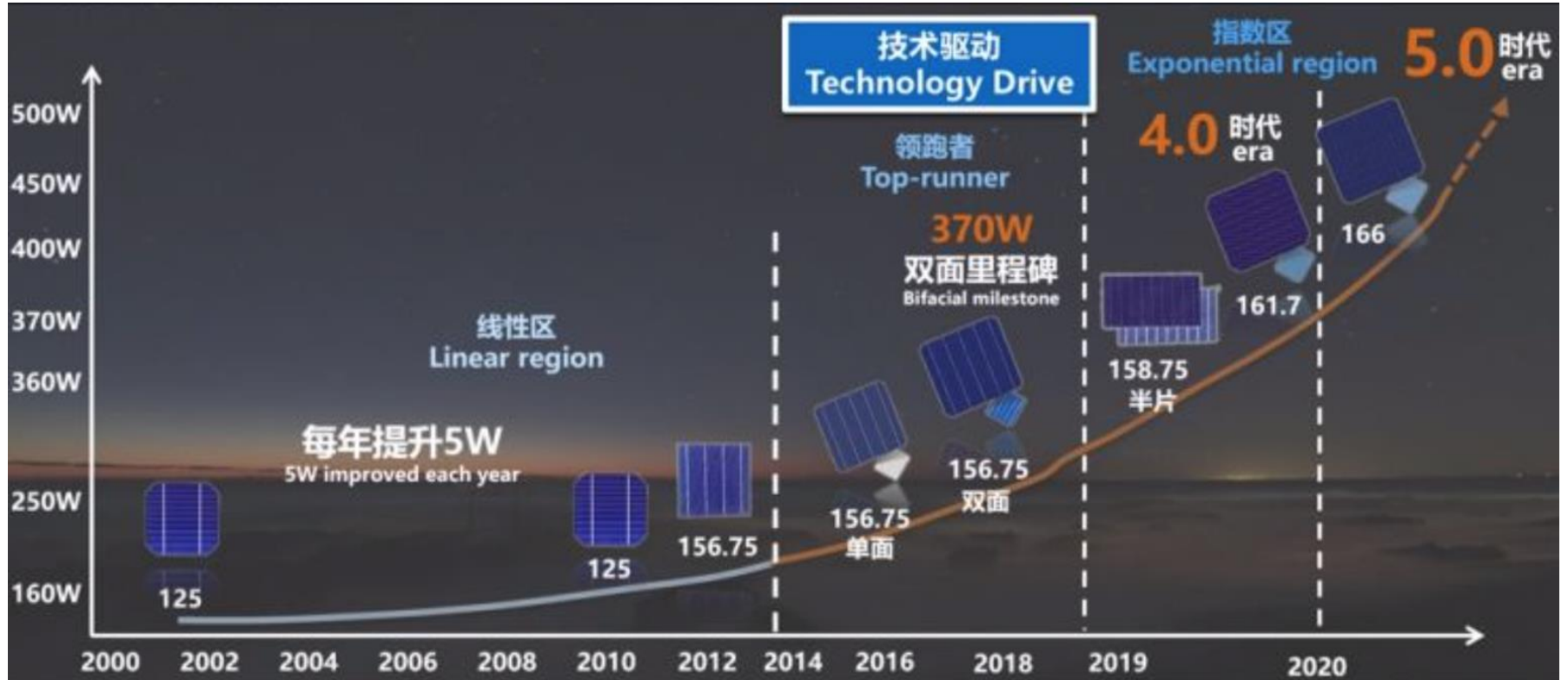


Felezett cellák

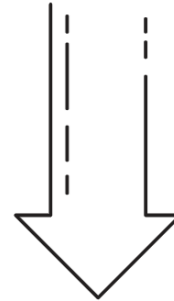
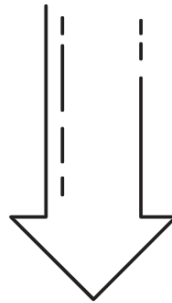
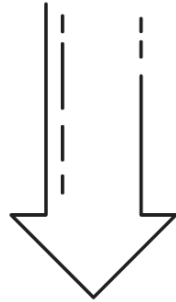
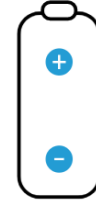
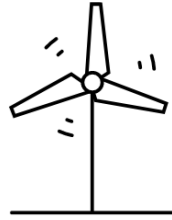
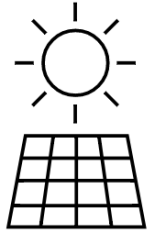


Smartwire

Cellaméreték növelése



Csökkenő árak



2010 óta

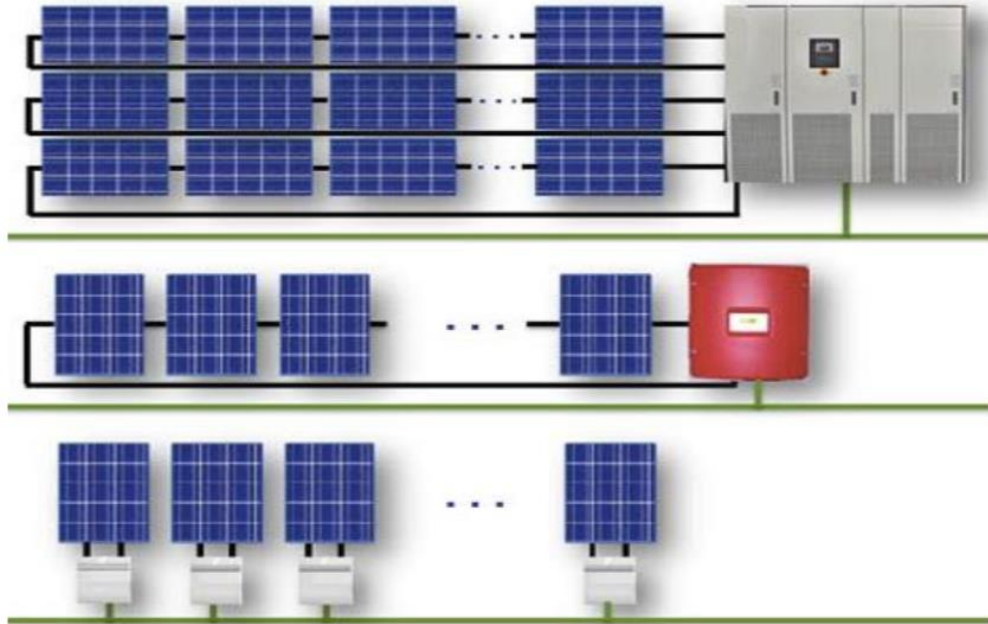
85%

49%

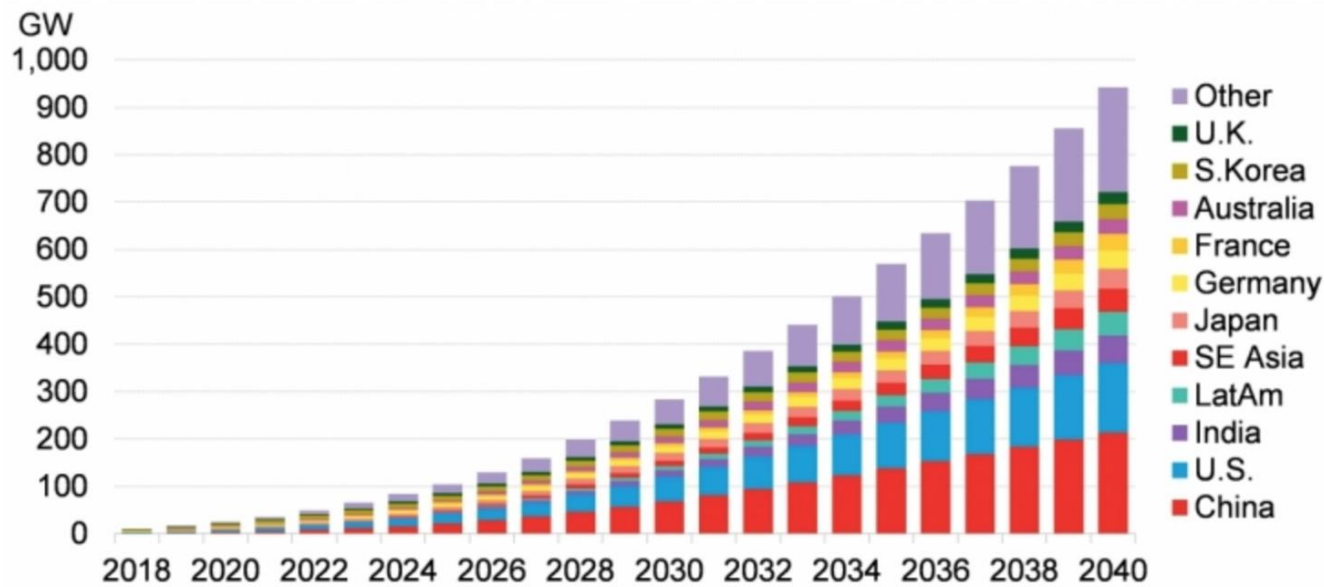
85%

Inverter trendek

- Akár 185W nagy string inv.
- 1500V string feszültség
- Digitális konverzió -
csökkenő méretek
- DC optimalizálás
- Eltűnő kijelzők -App-ok
- Gyártó mint okos-otthon
integrátor
- Inverter + EV töltő
megoldások, hibridek



ESS - Energiatároló rendszerek



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Global cumulative storage deployments.

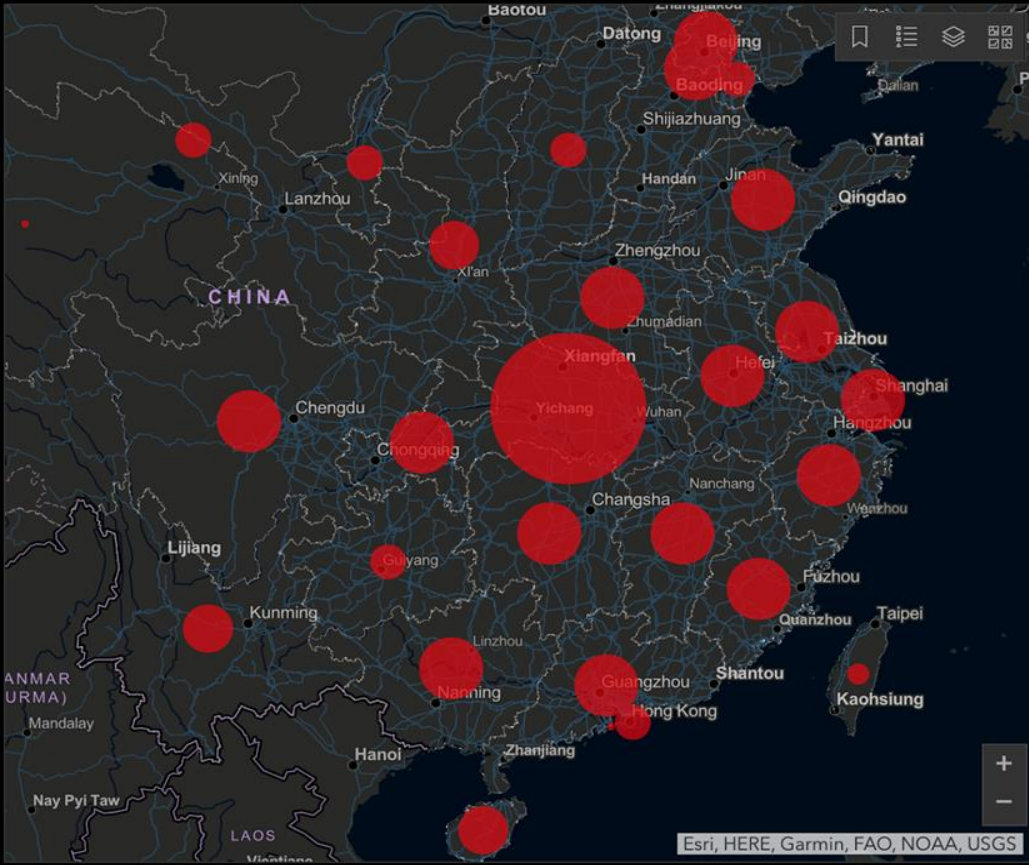


Total Confirmed

73,451

Confirmed Cases by Country/Region

- 72,439 Mainland China
- 542 Diamond Princess
- 81 Singapore
- 74 Japan
- 61 Hong Kong
- 35 Thailand
- 31 South Korea
- 29 US
- 22 Malaysia
- 22 Taiwan
- 16 Germany
- 16 Vietnam
- 15 Australia
- 12 France



Total Deaths

1,875

1,789 deaths
Hubei Mainland China

19 deaths
Henan Mainland China

11 deaths
Heilongjiang Mainland China

6 deaths
Anhui Mainland China

5 deaths
Chongqing Mainland China

4 deaths
Beijing Mainland China

4 deaths
Guangdong Mainland

Total Recovered

13,147

7,943 recovered
Hubei Mainland China

565 recovered
Guangdong Mainland China

535 recovered
Zhejiang Mainland China

527 recovered
Hunan Mainland China

522 recovered
Henan Mainland China

361 recovered
Anhui Mainland China

310 recovered
Jiangxi Mainland



● Mainland China ● Other Locations

Köszönöm a figyelmet!

