Kayrros

Power - Africa
Assess water stress / water levels through satellite imagery

Salto Santiago Hydro Reserve, Brazil

Variations of water heights – 2016 to 2018

Source: contains modified Copernicus Sentinel data [2018], Kayrros analysis
Monitoring power generation online capacity, weekly

Power complex in Gansu, China

Online capacity by energy source

Source: Kayrros analysis, Element 1: contains modified Copernicus Sentinel data [2018]; Element 2: ©Copernicus data [2018];
Kayrros automatically measures activity levels in power plants

Gas – heat detection

Coal – smoke detection

Used for real time energy consumption monitoring (coal, oil & gas)

Source: contains modified Copernicus Sentinel data [2018], Kayrros analysis
Kayrros detects power plants construction

Power plant construction

Source: contains modified Copernicus Sentinel data [2018], Kayrros analysis