# SOLAR PV NOWCASTING
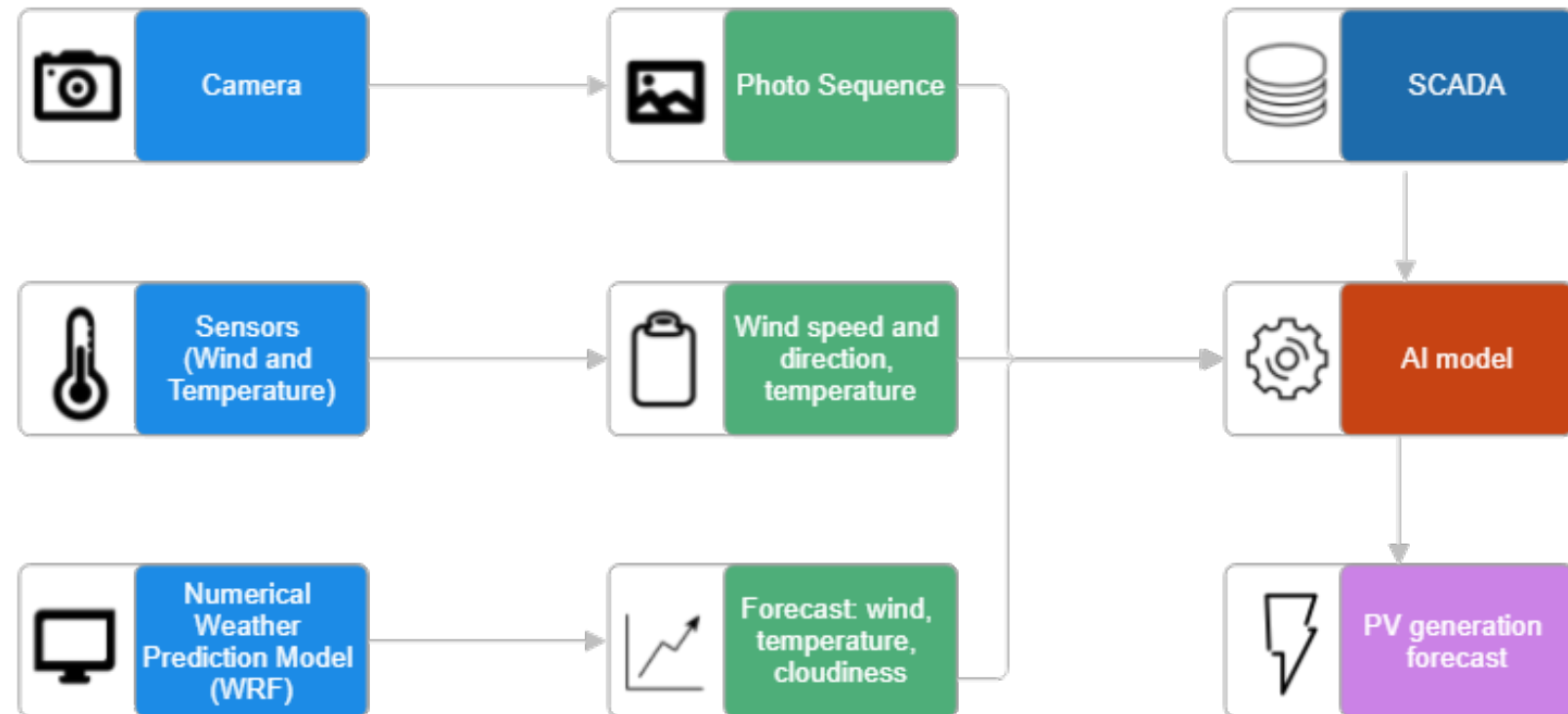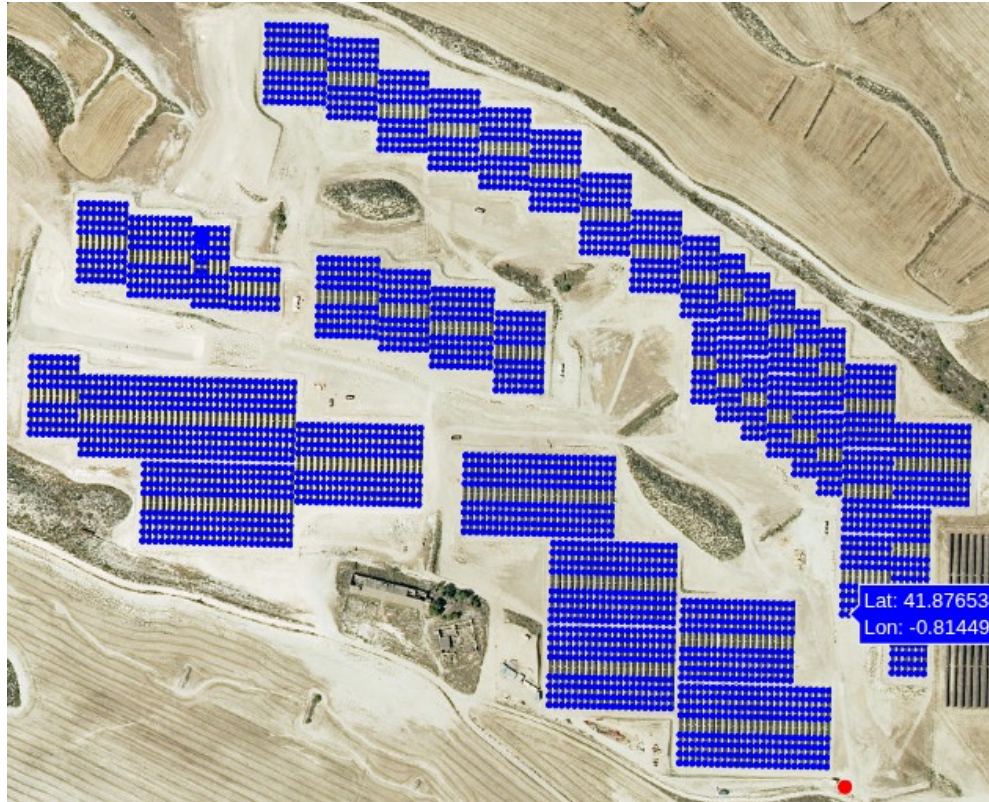
- ❑ Short-term forecasting (from minutes to hours) of electricity generation in PV power plants
- ❑ Nowcasting workflow combines:
  - ❑ Sky images (camera installation)
  - ❑ Sensor data (temperature, wind speed, and direction)
  - ❑ Weather forescast simulation
  - ❑ SCADA data
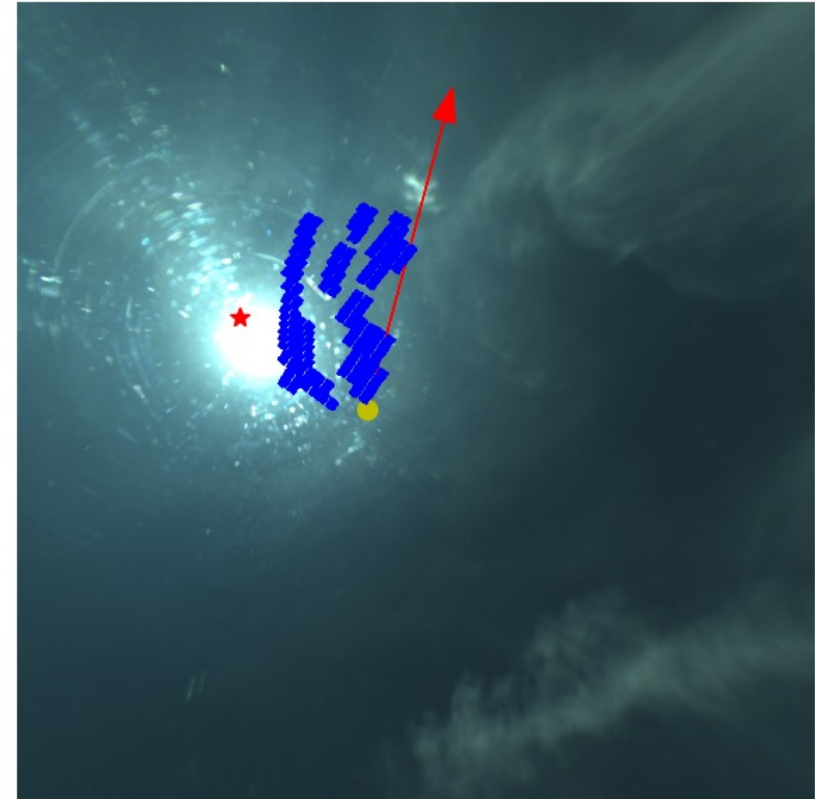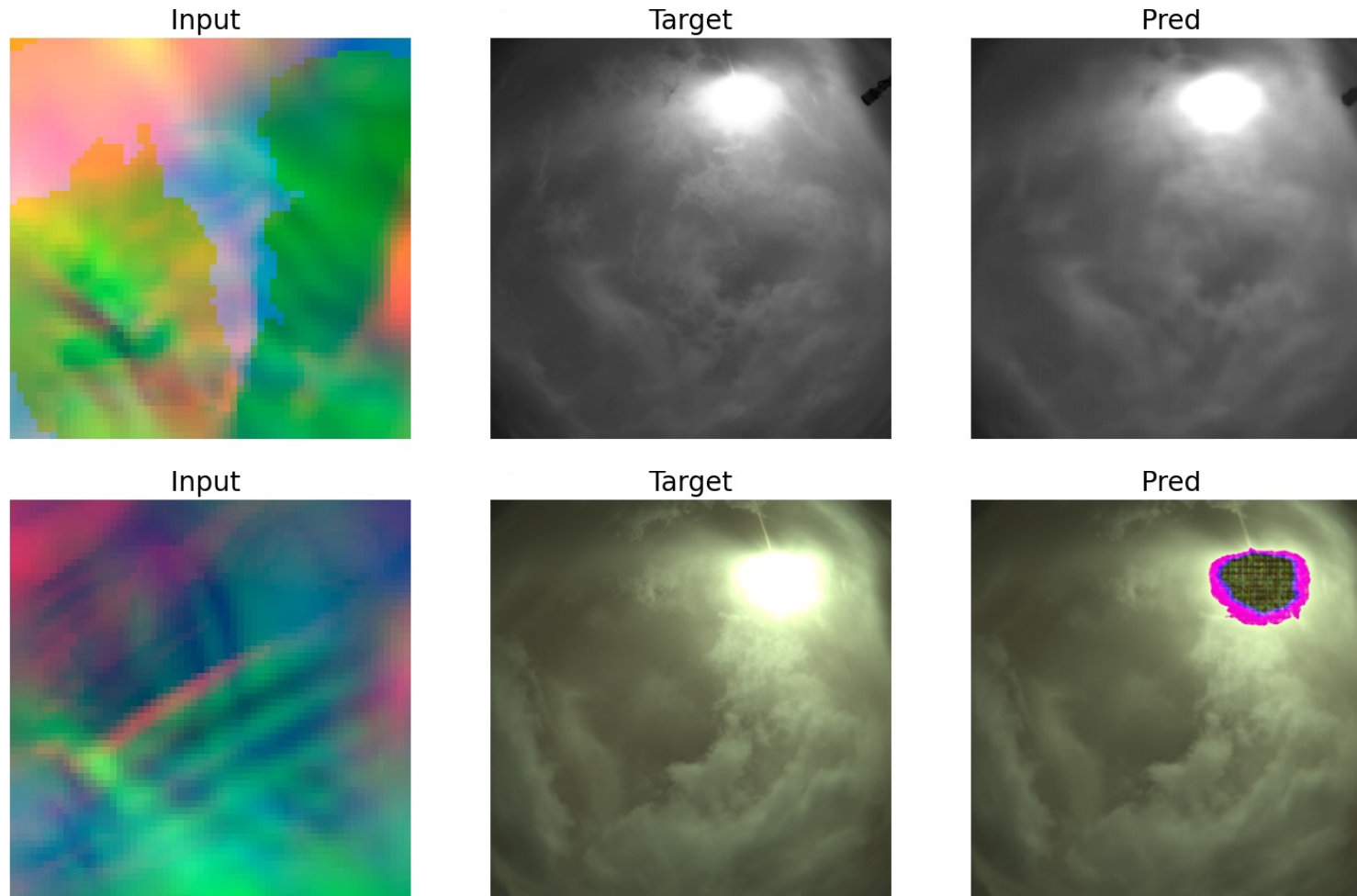  - ❑ Artificial intelligence models

Position of the camera (red point) and solar panels

Proyection of the camera and solar panels onto the sky image

❑ Convolutional neural networks for predicting sky images

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