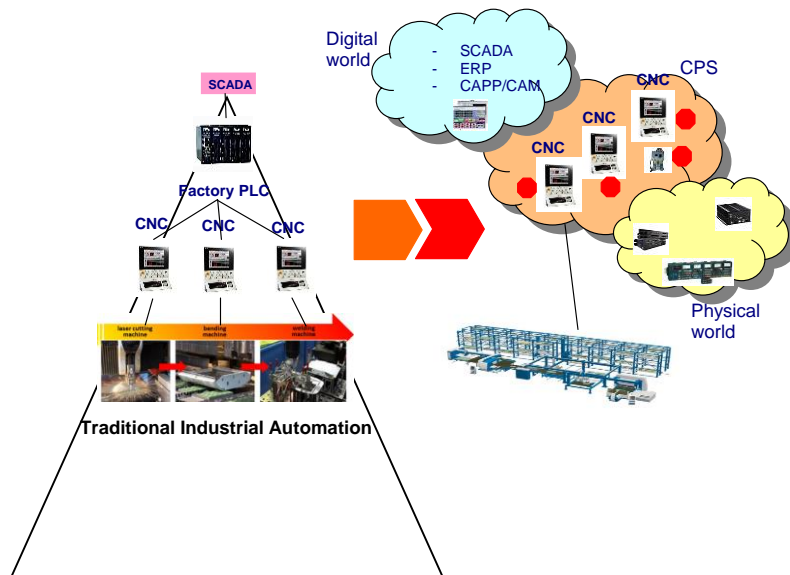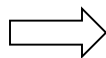# Open CPS Platform

PROJECT IDEA

From a traditional industrial automation point of view there are single devices hierarchically controlled by fixed intelligent system that typically is a numeric control of manufacturing machine. CPS is the way for **delegating intelligence on the physical devices and for managing production processes** and systems, improving flexibility, adaptability without losing productivity, safety and security.

The focus is on the data storage and information mining, in order to make the resources self aware of the surrounding environment and using modelling and simulation tools in a collaborative and decentralized application architecture.
The purpose is to demonstrate how Open **CPS platforms** can help to achieve this future in an efficient and easy way.

CONTACT PERSON
Paolo Calefati
Paolo.calefati@primapower.com

ORGANISATION
PRIMA ELECTRO

CONSORTIUM STATUS
To be defined
AVAILABLE KEY PARTNERS
SMEs and Research Centers

Today in industrial sector there are many embedded platform well characterized by their proper own different domains, licenses and hardware

Next generation of embedded systems (PLC, CNC, ROBOTS, etc.) must be flexible, smart and adaptive. The CPS is the enable technology to ease the interconnectivity with all devices

SMEs