

# Industry 4.0 concept for Nano-Enabled Products manufacturing pilot plants for Automotive and Aeronautics

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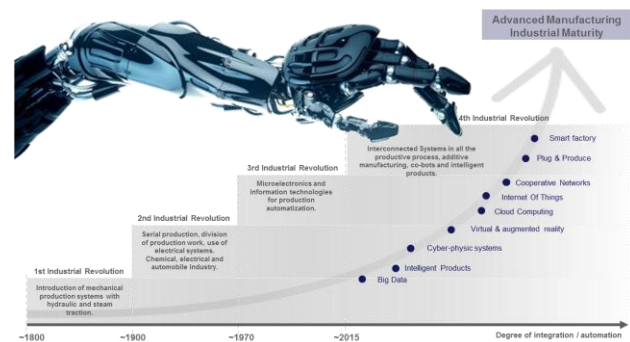
This presentation shows a vision of how Industry 4.0 concepts can help Pilot Plants in the Nano-Enabled Products manufacturing, to speed-up the improvement from TRL 6-7 to TRL 9 in Automotive and Aeronautic sectors.

Built-in quality, process stability (by means of process knowledge and domain), TRL increase speed-up and Environment, Health and Safety aspects are the drivers of Industry 4.0 implementation in NEP Pilot Plants.

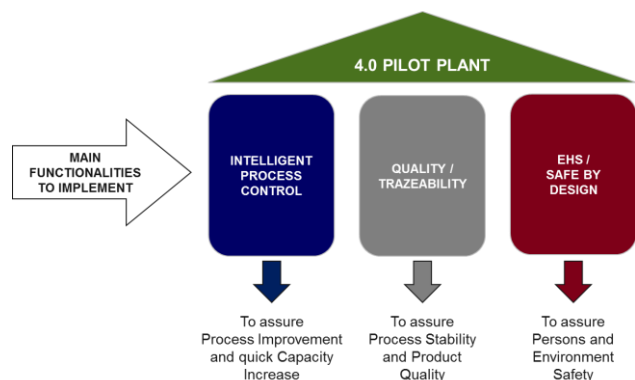
## References

- [1] EFFRA Factories of the Future - Multi-annual roadmap for the contractual PPP under Horizon 2020. European Union, (2013) page 65.

## Figures



**Figure 1:** Set of tools and technologies available in Industry 4.0



**Figure 2:** Main functionalities to improve in NEP Pilot Plants