

Technology Readiness Levels (TRL) [according to the Horizon 2020 classification:](#)

TRL 1 – *basic principles observed.*

TRL 2 – *technology concept formulated.*

TRL 3 – *experimental proof of concept.*

TRL 4 – *technology validated in lab.*

TRL 5 – *technology validated in relevant environment (industrially relevant environment in the case of key enabling technologies).*

TRL 6 – *technology demonstrated in relevant environment (industrially relevant environment in the case of key enabling technologies).*

TRL 7 – *system prototype demonstration in operational environment.*

TRL 8 – *system complete and qualified.*

TRL 9 – *actual system proven in operational environment (competitive manufacturing in the case of key enabling technologies; or in space).*