**Technology Readiness Level**

**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)