**Product Readiness Levels across Product Types**

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| **PRL** | TRL Scale | TRL Description | Technology Product | | Service Product | | Policy Product | |
| **eHIPP Stage** | Outputs | Activities | Outputs | Activities | Outputs | Activities |
| **INNOVATION RESEARCH** | TRL 1 | Basic principles and research data observed and reported. | Product concept developed  Preliminary market analysis | Needs analysis and definition; user-focused research- interviews/focus groups/ workshops; literature work etc.  Presentations, posters, articles; Engagement with industry or community partners  Basic market research- market size and structure | Service concept developed  Preliminary market analysis | Needs analysis and problem definition; user-focused research- interviews/focus groups/ workshops; literature work etc.  Presentations, posters, articles; Engagement with industry or community partners | Scoping Review  Policy concept developed | Needs analysis and definition; user-focused research- interviews/focus groups/ workshops; literature work etc.  Presentations, posters, articles; Engagement with industry or community partners |
| **INCUBATOR** | TRL 2 | Technology concept and/or practical applications formulated. | Initial Prototype  Full proposal for R&D phase  Initial business plan outlined;  IP strategy drafted | Initial Prototype design, software architecture drafted & budgeted  Preliminary business planning | Service concept finalization; Standardizations of service offering  MoU with partners | Engagement of end user/participant- workshops  Discussions with partners  new service strategy development; | Policy concept defined and validated by stakeholders | Concept development-scenarios; scoping research- current knowledge best practice analysis stakeholder ideas workshops, Industry and stakeholders |
| TRL 3 | Analytical and experimental proof of concept of critical function and/or characteristics | Beta version/prototype created; if applicable, patent should be drafted – US application Number  Use cases; requirements definition/ initial prototype/Mock-up. Proof of concept report | Market analysis- exploring barriers to market with end-users and stakeholders. Preliminary Business Plan validated by AW commercialization team  Prototype development  Workshops and interviews with demos of initial idea paper/ storyboard/Theatre methods; Proof of concept completed with small group of users | Feasibility study | Analysis of economic, technological and operational issues  end user participation | Initial policy document drafted | Workshops and interviews with stakeholders  Working groups  Drafting of policy document |
| **PROTOTYPE** | TRL 4 | Validation of the technology in the laboratory. | Agreement signed with partner  Validation report | Prototype tested and validated at the scientific level (studies conducted).  Feedback on demonstration of basic prototype to end-users; lab-testing of components with end-users; Large target population (seniors) study conducted; Users feedback collected | Service blueprint | Iterative refinement of service system design with stakeholders and partners | Policy document validated by stakeholders | Stakeholder workshops and interviews  Refinement and incorporation of feedback  Working groups |
| TRL 5 | Validation of technology in a relevant environment. | Final lab prototype validated by end-users  Start-Up created or company licensing | Iterative development of several prototypes;  On site/ real environment (e.g., company site) beta testing study with users |  |  |  |  |
| **EXPERIMENTAL IMPLEMENTATION** | TRL 6 | Demonstration of technology in relevant environment. | Demonstration report  Pre-commercial prototype | Proof-of-concept  Testing of demonstrator/prototype with a end-users in controlled situation  Participant feedback collected  Technology modifications conducted | Full service protocol and operational plan | Service protocol development and operational planning with partners  putting supporting facilities and resources in place |  |  |
| TRL 7 | Technology prototype demonstrated in an operating environment. | Implementation and field trial report | Field trial of pre-commercial system/device in large-scale operational environment with end-users Field trial of pre-commercial system/device in real | Process evaluation report | Pilot trial of service in real environment without supervision; |  |  |
| **OUTCOMES** | TRL 8 | Technology system completed and qualified through test demonstration | Evaluation report | Technology is proven to work - Actual technology completed and qualified through test and demonstration; Legal validation and process (FDA, industry standard, etc.) | Evaluation report –  Mixed methods analysis of service impact and acceptability  Cost-benefit analysis  Implementation plan | Implementation planning with service partners  Full analysis of pilot data |  |  |
| TRL9 | Technology system in its final form ready for full (commercial) deployment in relevant operating environment. | Market deployment and maturity | Full-scale production; market strategy defined, legal agreements in place with industry partners (e.g., manufacturing, etc.), and founders, solution ready to be launched on the market. | Deployment of service by partner providers | Integration of service into mainstream operations by partner organisation | Adoption of policy by partner and stakeholders into operational environment  Economic and social impact study | Social and economic analysis of policy adoption and impact |

