**Workplan - Detailed implementation**

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| **Work package No** | **Work package title (related scientific objectives)** | **Activity type (partners involved in package)** | **Number of person-months involved** | **Start month** | **End month** |
| 1 | Project management and coordination (O1, O2, O3, O4) | Management and communication (all partners) |  | 1 | 48 |
| 2 | Travel, integration and knowledge transfer (O1, O2, O3, O4) | Research, training and dissemination (all partners) |  | 1 | 48 |
| 3 | Cold chain management in ERSC (O5, O6, SO1) | Research, training and dissemination (UBO/UGR/LJMU/MU/ VNU/WUT) | 41+(7) \* | 3 | 48 |
| 4 | Vulnerable components and root causes of failures identification(O5, O6, SO2) | Research, training and dissemination (LUSE/UBO/MU/VNU/WUT) | 30+(7) \* | 3 | 48 |
| 5 | Using Big Data technologies to investigate and understand the nature of ERSC behaviours (O5, O6, SO3) | Research, training and dissemination (DCU/ UNIMAN/LUSE/LJMU/MU/ VNU/WUT) | 38+(7) \* | 3 | 48 |
| 6 | Emergency decision- making based on multiple criteria treatment (O5, O6, SO4) | Research, training and dissemination (UNIMAN/DCU/LJMU/MU/ VNU/WUT) | 37+(7) \* | 3 | 48 |
| 7 | Cost-benefit analysis in ERSC (O5, O6, SO5) | Research, training and dissemination (UGR/UNIMAN/LJMU/MU/ VNU/WUT) | 32+(7) \* | 3 | 48 |
| 8 | Building resilience in the ERSC (O5, O6,SO6) | Research, training and dissemination (LJMU/MU/ VNU/WUT) | 29+(7) \* | 3 | 48 |
| 9 | Development of the ERSC framework and case studies (O5, O6, SO7) | All partners | 33+(6) \* | 3 | 48 |
| \*Note: Secondments from WUT to MS/AC will be funded by itself. |