

**Technology Radar – Key Technology Input List**

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| **Technology** | **Maturity** **(How long before uptake)** | **Level of Importance** **High (H) /Medium(M) /Low (L)** |
| **Mature (3years)** | **New****(3-6 years)** | **Long Term****(10 years)** |  |
| **5G** |  |  |  |  |
| **Block Chain** |  |  |  |  |
| **Autonomous Driving** |  |  |  |  |
| **Artificial Intelligence** |  |  |  |  |
| **Li-Fi** |  |  |  |  |
| **Plastic Electronics** |  |  |  |  |
| **3D Printing** |  |  |  |  |
| **Robotics for Health** |  |  |  |  |
| **Cobots** |  |  |  |  |
| **Implantable Technologies** |  |  |  |  |
| **Wearable Technologies** |  |  |  |  |
| **UAVs** |  |  |  |  |
| **Graphene** |  |  |  |  |
| **Secure Processor** |  |  |  |  |
| **Big Data/Analytics** |  |  |  |  |
| **Cybersecurity** |  |  |  |  |
| **Thermal Energy Harvesting** |  |  |  |  |
| **Vibration Energy Harvesting** |  |  |  |  |
| **Solar Energy Harvesting** |  |  |  |  |
| **Battery Technology** |  |  |  |  |
| **Supercapacitor Technology** |  |  |  |  |
| **Flexible Displays** |  |  |  |  |
| **3D Displays** |  |  |  |  |
| **Augmented Reality** |  |  |  |  |
| **Virtual Reality** |  |  |  |  |
| **Voice Assistants** |  |  |  |  |
|  |  |  |  |  |
| **Please add below any technologies which you feel are also important or interesting** |
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| **Services** | **Maturity (How long before uptake)** | **Level of Importance** **High (H) / Medium(M) / Low (L)** |
| **Mature (3 years)** | **New****(3-6 years)** | **Long Term****(10 years)** |  |
| **Remote Health Service Provision** |  |  |  |  |
| **Smart Agriculture** |  |  |  |  |
| **Elderly Monitoring** |  |  |  |  |
| **Remote Maintenance** |  |  |  |  |
| **Smart Surveillance** |  |  |  |  |
| **Smart Tracking** |  |  |  |  |
| **FinTech** |  |  |  |  |
| **Wellness Monitoring** |  |  |  |  |
| **Activity Monitoring** |  |  |  |  |
| **Mobility Solutions** |  |  |  |  |
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| **Please add below any services which you feel are also important** |
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| **Tools** | **Maturity** | **Level of Importance** **High (H) / Medium(M) / Low (L)** |
| **Mature (3years)** | **New****(3-6 years)** | **Long Term****(10 years)** |  |
| **Dependability** |  |  |  |  |
| **Safety Analysis** |  |  |  |  |
| **Software Integration** |  |  |  |  |
| **Testing** |  |  |  |  |
| **Inspection** |  |  |  |  |
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| **Please add below any services which you feel are also important or are of interest** |
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| **Platforms and Standards** | **Maturity** | **Level of Importance** **High (H) / Medium(M) / Low (L)** |
| **Mature (3years)** | **New****(3-6 years)** | **Long Term****(10 years)** |  |
| **RAMI** |  |  |  |  |
| **SAREF** |  |  |  |  |
| **OPC-UA** |  |  |  |  |
| **OneM2M** |  |  |  |  |
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| **Please add below any platforms or standards which you feel are also important or interesting** |
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**Bonus Question**

What is the most unusual use of Smart Technology that you have heard of, or would like to see?

Examples

* Self-tying shoes for the elderly
* UAVs for providing shark warnings
* Smart tags for cow monitoring

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