

Priedas 3. EKA šalių kompetencijų žemėlapis.

| Technology domain | Technology subdomain | AT | BE | CA | CZ | DK | EE | FI | FR | DE | GR | HU | IE | IT | LV | LU | NL | NO | PL | PT | RO | SI | ES | SE | CH | UK | No of SME's declared competencies | |
|-----------------------------|--|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|------------|-----------------------------------|-----|
| 1 On-Board Data Systems | A Payload data processing | a | a | a | d | | d | a | a | a | | d | a | a | | a | a | | d | d | d | | a | a | a | a | 187 | |
| | B On Board Data Management | a | a | a | d | a | d | a | a | a | a | d | a | a | | d | | | d | | d | | a | a | a | a | 131 | |
| | C Microelectronics for digital and analogue applications | a | a | a | d | a | | a | a | a | a | | a | | | | a | a | d | a | d | | a | a | a | a | 144 | |
| | Total | a | a | a | d | a | d | a | a | a | a | d | a | a | | a | a | a | d | a | d | | a | a | a | a | 462 | |
| 2 Space System Software | A Advanced Software technologies | a | | d | a | a | | d | a | a | a | d | a | | | d | | d | d | d | | a | a | d | a | 281 | | |
| | B Space Segment Software | a | a | d | a | a | d | a | a | a | a | d | a | a | | | a | a | d | a | d | | a | a | a | a | 190 | |
| | C Ground Segment Software | | | d | d | d | | d | d | o | | | d | | | d | d | d | | | | d | d | | d | o | 139 | |
| | D Ground Data Processing | | | d | d | d | | d | d | o | | d | d | | | | | | | | | | | | | | 130 | |
| | E Earth Observation Payload Data Exploitation | | | d | d | d | | d | d | o | | d | d | | | d | d | d | d | o | d | d | d | | d | o | 207 | |
| Total | a | a | d | a | a | d | a | a | a | a | d | a | a | | d | a | a | d | a | d | | d | a | a | a | 947 | | |
| 3 Spacecraft Electrical Pow | A Power System Architecture | a | a | d | d | a | | a | a | a | | d | d | | | | | | d | | | | a | a | a | a | 70 | |
| | B Power generation technologies | | a | | d | | d | a | a | a | | | a | | | a | a | d | d | | | | a | | d | a | 47 | |
| | C Energy storage technologies | | | | a | | a | a | a | a | | | a | | | | | a | | a | | | d | | a | a | 47 | |
| | D Power conditioning and distribution | a | a | d | d | a | d | a | a | a | | | a | | | | | | d | | d | | a | a | d | a | 71 | |
| Total | a | a | d | a | a | a | a | a | a | a | d | a | a | | a | a | d | d | a | d | | a | a | a | a | 235 | | |
| 4 Space Environments & | A Space Environment | a | a | d | a | a | | a | a | a | a | | a | a | | | a | a | d | a | d | | a | a | a | a | 112 | |
| | B Environment Effects | a | a | d | d | | | a | a | a | | | a | | | | a | a | d | a | d | d | a | a | a | a | 158 | |
| | C Space Weather | | | d | d | d | | d | | o | | | d | | | | a | a | | d | | d | o | d | o | | 131 | |
| Total | a | a | d | a | a | a | a | a | a | a | d | a | a | | a | a | d | a | d | d | a | a | a | a | a | 401 | | |
| 5 Space System Control | A Space system architecture and autonomy | a | a | d | d | a | | a | a | a | | a | a | | d | d | d | d | d | d | d | d | a | a | d | a | 80 | |
| | B Space segment guidance navigation and control (GNC) | a | a | a | d | a | | a | a | a | a | | a | | | a | a | a | d | a | d | d | a | a | a | a | 111 | |
| | Total | a | a | a | d | a | | a | a | a | a | a | a | | a | a | a | d | a | d | d | d | a | a | a | a | 191 | |
| 6 RF Payload and System | A Telecommunication (sub-) systems | | | a | d | | d | a | o | o | | d | d | | d | a | | d | d | d | | a | o | a | o | 169 | | |
| | B Radio navigation sub-systems | a | a | a | d | | | a | a | a | | | a | | | | a | d | d | d | d | d | a | a | a | a | 118 | |
| | C TT&C (sub-) systems | | d | d | a | | | a | a | a | | | a | | | d | | a | d | | | | d | a | o | d | a | 170 |
| | D RF payloads | | | d | d | | | a | a | | | d | a | | | | o | d | d | | | | d | d | d | d | o | 181 |
| | E Microwave and milimeter wave technologies and equipments | a | a | a | d | a | d | a | a | a | | | a | a | | | a | a | d | | d | | a | a | a | a | 165 | |
| Total | a | a | a | d | a | a | a | a | a | a | d | a | a | | a | a | a | d | a | d | d | a | a | a | a | 803 | | |
| 7 Electromagnetic Techno | A Antennas | a | a | a | a | a | | a | a | a | a | | a | a | | d | a | a | a | a | d | d | a | a | a | a | 167 | |
| | B Wave interaction and propagation | | | d | d | | | d | a | a | | d | | | | | d | d | | | | | d | | a | a | 109 | |
| | C EMC/RFC/ESD | | | d | d | | | o | o | | | | d | | | | d | d | | | | | d | o | d | o | 65 | |
| Total | a | a | a | a | a | a | a | a | a | a | d | a | a | | d | a | a | a | a | d | d | a | a | a | a | 341 | | |
| 8 System Design & Verific | A Mission and system specification | | | d | d | d | d | o | o | o | | | d | | d | d | d | d | d | d | d | d | d | o | d | o | 198 | |
| | B Collaborative and concurrent engineering | | | d | d | | d | o | o | o | | | d | | | d | d | d | d | d | d | d | d | d | d | o | 188 | |
| | C System analysis and design | | a | a | d | a | | a | a | a | | | a | | | a | a | d | d | a | d | d | a | a | d | a | 232 | |
| | D Verification and AIT | | | d | d | d | | o | a | o | | | | d | | d | d | | | | | | | d | o | d | a | 197 |
| Total | a | a | d | a | d | a | a | a | a | a | d | a | a | | a | a | a | d | d | a | d | d | a | a | d | a | 815 | |
| 9 Mission Operation & Gr | A Advanced system concepts | | | d | d | | | | | o | | | | | | d | | d | | | | d | | | d | | 147 | |
| | B Mission operations | | | d | d | a | | o | a | a | | | a | | | a | a | d | d | | d | | a | | d | a | 102 | |
| | C Ground data systems | | | d | d | | | d | d | o | | | d | | | d | d | d | d | o | d | d | d | d | d | o | 184 | |
| | Total | | | d | d | a | | d | a | a | | | a | | | a | a | d | d | o | d | d | d | d | d | a | 433 | |
| 10 Flight Dynamics & GNS | A Flight dynamics | | | d | d | | | o | o | | | | d | | d | | | | d | d | d | | d | o | d | o | 25 | |
| | B GNSS systems and ground-related technologies | | | d | d | | | o | o | | | | d | | | d | | | d | d | d | | d | d | d | o | 151 | |
| | Total | | | d | d | | | o | o | | | | d | | | d | | | d | d | d | | d | o | d | o | 176 | |

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|-----------------------------|----------------------|----|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|-----------------------------------|------------|------------|
| 11 Space Debris | A | | | d | d | | | d | o | | | | | d | | | | | d | | | d | o | d | | 43 | | | |
| | B | | | d | d | | | | o | o | | | | d | | o | | | | | d | d | o | d | o | 117 | | | |
| | C | | | d | d | | | d | o | | | | | d | | o | | | | | | | d | o | | 18 | | | |
| | Total | | | d | d | | | d | d | o | | | | d | | o | | | | d | | d | d | o | d | o | 178 | | |
| 12 Ground Station System | A | | a | a | d | a | d | o | a | a | | d | a | | d | d | d | d | d | d | d | d | a | a | a | a | 225 | | |
| | B | | | a | a | | | | o | | | d | d | | d | d | | | d | d | d | d | d | | o | 118 | | | |
| | Total | | a | a | d | a | d | o | a | a | | d | a | | d | d | d | d | d | d | d | d | d | a | a | a | 343 | | |
| 13 Automation, Telepresen | A | | a | a | d | | | a | a | | | | a | | | a | | | d | d | | d | a | | d | a | 41 | | |
| | B | | a | a | d | | d | a | a | a | | | a | | | a | | | d | a | | d | d | | a | a | 85 | | |
| | C | | a | a | a | d | | d | a | a | | d | a | | | d | a | | d | d | d | d | a | d | a | a | 196 | | |
| | Total | | a | a | d | | d | a | a | a | | d | a | | | a | a | d | d | d | d | d | a | d | a | a | 322 | | |
| 14 Life & Physical Sciences | A | | o | d | d | d | d | d | o | | | | d | | | d | d | | | | d | | d | | d | | 137 | | |
| | B | | o | d | d | | d | d | o | | | d | d | | | d | d | | | | | | d | | d | o | 158 | | |
| | C | | o | d | d | d | d | | | | | | | | | d | | | | | | d | | d | o | 80 | | | |
| | D | | | d | d | | | | | | | | | | | d | | | | | | | | d | | | 64 | | |
| | Total | | o | d | d | d | d | d | d | o | | | d | d | | d | d | d | d | d | d | d | d | d | d | o | 439 | | |
| 15 Mechanisms & Tribolog | A | | a | a | a | d | | d | a | a | | | a | a | | a | a | a | d | | d | | a | a | a | a | 120 | | |
| | B | | a | a | d | d | | | a | a | | | | d | | | a | a | d | | | | | a | a | a | 34 | | |
| | C | | | | d | | | | | o | | | | d | | | | | | | | | d | | d | | 10 | | |
| | D | | a | d | d | | | a | a | | | d | d | | | d | a | d | | | | | d | | a | a | 91 | | |
| | E | | a | d | d | | | d | a | a | | | | d | | | d | a | d | | | d | d | d | a | a | 53 | | |
| | F | | a | | d | d | | | a | a | | | | d | | | o | a | d | | | | d | d | | a | a | 45 | |
| | G | | a | | d | d | | | a | a | | | | d | | | d | a | a | d | | | d | a | o | a | a | 114 | |
| | Total | | a | a | a | d | | d | d | a | a | | d | a | d | | a | a | a | d | d | d | d | d | a | a | a | 467 | |
| 16 Optics | A | | a | d | d | | | o | a | a | | | d | | | o | d | d | d | d | d | | a | | a | a | 69 | | |
| | B | | o | d | d | | | d | a | a | a | | a | a | | | d | | | | | | d | | a | a | 63 | | |
| | C | | a | a | a | d | d | d | a | a | a | a | | a | | | a | | d | d | d | d | d | a | a | a | 83 | | |
| | Total | | a | a | a | s | s | s | a | a | a | a | | a | a | | a | d | d | d | d | d | d | d | a | a | a | 215 | |
| 17 Optoelectronics | A | | | a | a | d | d | a | a | a | | | a | a | | | | d | d | | d | | a | a | a | a | 53 | | |
| | B | | a | a | a | d | a | d | a | a | a | | d | a | a | | | a | a | d | | | d | a | a | a | 109 | | |
| | C | | a | a | a | d | d | a | a | a | | | | a | | | | a | a | d | | | d | a | a | a | 116 | | |
| | Total | | a | a | a | a | a | d | a | a | a | a | | d | a | a | a | a | d | d | d | d | d | d | a | a | a | 278 | |
| 18 Aerothermodynamics | A | | a | | a | | | a | a | a | | | a | a | | | | | a | a | | d | d | a | a | a | a | 114 | |
| | B | | a | d | a | | | a | a | a | | | a | a | | | | | a | a | | | | d | a | a | a | 19 | |
| | C | | a | d | d | | | a | a | a | | | | a | | | | | a | a | | | d | d | d | d | o | 14 | |
| | D | | | d | a | | | a | a | a | | | | a | | | | | | | | | | a | | d | a | 101 | |
| | Total | | a | s | a | | | a | a | a | a | a | | a | a | | | | a | a | | d | a | a | a | a | a | 248 | |
| 19 Propulsion | A | | a | a | d | | | a | a | | | | a | a | | | | a | a | a | d | d | | d | a | a | a | 47 | |
| | B | | a | | | d | | | a | a | | | | a | | | | | a | | d | | | a | d | a | a | 34 | |
| | C | | | | | | | d | o | o | | | | d | | | | | o | d | d | | | | d | d | o | 25 | |
| | D | | a | a | d | d | | | a | a | | | | a | a | | | | a | a | d | a | d | d | d | a | d | a | 116 |
| | Total | | a | a | d | d | | | d | a | a | | | a | a | | | | a | a | d | a | d | d | d | a | a | a | 222 |
| 20 Structures & Pyrotechn | A | | o | d | d | | | d | o | a | | | d | | | d | a | a | d | d | d | d | d | o | a | o | 208 | | |
| | B | | o | d | d | d | | a | | a | | | a | | | d | d | | | | | | d | o | a | a | 87 | | |
| | C | | a | d | d | | | a | a | a | | | | a | | | a | a | a | d | | d | | a | a | a | a | 158 | |
| | D | | | a | | | | | o | o | | | | d | | | d | d | d | d | | | | d | o | d | o | 125 | |
| | E | | o | d | d | | | | o | | | | | d | | | o | | | | | | | d | d | a | 177 | | |
| | F | | | d | d | | | | o | o | | | | d | | o | d | d | d | o | d | | | d | d | | 163 | | |
| | G | | | | d | | | | a | a | | | | a | | | d | d | d | | | d | | d | o | d | a | 156 | |
| | H | | | | | | | | | | | | | d | | | | | | | | | | d | d | | 59 | | |

| Technology domain | | Technology subdomain | AT | BE | CA | CZ | DK | EE | FI | FR | DE | GR | HU | IE | IT | LV | LU | NL | NO | PL | PT | RO | SI | ES | SE | CH | UK | No of SME's declared competencies |
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| 21 Thermal | A | Heat transport technology | | a | d | d | | | | a | a | | | | a | | d | a | | d | | | | a | d | a | a | 50 |
| | B | Cryogenics and refrigeration | | | d | d | | | a | a | a | | | | a | | | a | | d | d | | | a | a | a | a | 56 |
| | C | Thermal protection | | | d | d | | | | o | o | | | | d | | | d | d | d | d | d | | d | | d | | 67 |
| | D | Heat storage and rejection | a | o | d | d | | | | a | a | | d | | o | | o | a | | d | | | | a | d | a | | 39 |
| | | Thermal analysis tools | | a | d | d | | | | a | o | | | | d | | | d | d | d | d | | d | d | o | d | a | 162 |
| | | Total | a | a | d | d | | | a | a | a | d | | a | d | d | a | d | d | d | d | d | d | a | d | a | a | 374 |
| 22 Environmental Control | A | Environmental control & life support (ECLS) | | d | d | | | | d | o | | | | d | | | d | d | | | | | | d | d | | | 122 |
| | B | In-Situ Resource Utilisation (ISRU) | | d | d | | | | | o | | | | d | | | | | | | | | | d | | | | 33 |
| | | Total | d | d | | | | | d | o | | | | d | | | d | d | | | | | d | d | | | | 155 |
| 23 EEE Components and q | A | Methods and processes for radiation hardness assurance | a | a | d | d | | | a | a | o | | | | d | | | d | | d | | | | a | o | d | | 24 |
| | B | EEE component technologies | | a | d | d | a | | a | a | a | | | a | a | | | a | a | d | | d | | d | a | a | a | 117 |
| | | Total | a | a | d | d | a | | a | a | a | | | a | a | | | a | a | d | d | d | d | a | a | a | a | 141 |
| 24 Materials and Processes | A | Novel materials | | d | d | | | d | a | a | a | | | | a | | o | a | d | d | d | d | d | d | o | a | a | 56 |
| | B | Materials processes | a | d | d | | | d | a | a | a | | d | a | a | | | a | a | d | d | d | d | d | a | a | a | 117 |
| | C | Cleanliness and sterilisation | | d | d | | | | | o | o | | | | o | | o | d | | d | | | | d | o | d | o | 20 |
| | | Total | a | d | d | | | d | a | a | a | d | a | a | a | a | a | a | d | d | d | d | d | d | a | a | a | 193 |
| 25 Quality, Dependability & | A | System dependability and safety | | | d | d | | | d | o | o | | | | d | | | d | d | d | d | | | d | o | d | | 182 |
| | B | Software quality | | | d | d | | | d | d | o | | | | d | | | d | d | d | d | | | d | d | d | o | 164 |
| | | Total | | | d | d | | | d | d | o | | | | d | | | d | d | d | d | | | d | o | d | o | 346 |
| 26 Other | | | | | | | | | | | | | | | | | | | | | | | | | | | | 849 |
| | | No of SMEs | 11 | 16 | 13 | 12 | 7 | 4 | 6 | 62 | 56 | 20 | 3 | 7 | 72 | 4 | 31 | 4 | 5 | 10 | 5 | | 38 | 7 | 20 | 54 | 467 | |

Kosmoso pramonės kompetencijų žemėlapis yra parengtas EKA remiantis Pramonės pajėgumų duomenų bazės (angl. Industry Capability Mapping (ICM) database) duomenimis apie šalių pateiktas kompetencijas atskirose technologijų srityse. Šios kompetencijos pavaizduotos trimis skirtingais lygiais:

- „a“ raide pažymėta EKA akredituotos kompetencijos. Tai reiškia, kad technologijų Harmonizacijos proceso metu surinkta informacija buvo patikrinta pagal naujausių technologijų vertinimo kriterijus, pateiktus atitinkamų technologijų Techninėse dosjė. Iš esmės tai yra EKA patvirtintos tinkamos projektams šalių kompetencijos einamaisiais metais, iki kito Harmonizacijos proceso ciklo pasibaigimo.
- „d“ raide pažymėtos kompetencijos yra pateiktos šalių-narių, pagal 2012 m. antrojo trimestro užklausa.
- „o“ raide pažymėtos kompetencijos yra pateiktos pačių subjektų atitinkamose šalyse (pramonės įmonės, mokslo institucijos, tyrimų organizacijos, ir pan.) savo iniciatyva, pagal ESA pajėgumų apklausa.