|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Areas** | **Sub Areas** | | | | | | | | | | | |
| **Energy** | Renewable energy | Energy storage and supply | Policy and economics | End-use/ efficiency | Fossil fuels | Environmental impacts | Photovoltaic materials, devices, modules, and systems | Electrical engineering | Advance energy materials | Other |  |  |
| **Transport/ Mobility** | Air | Road | Maritime transport | Security and safety | Clean transport | Urban transport | Sustainable transport | Infrastructure | Intelligent transport systems | Logistics and multimodal transport | Other |  |
| **Environment And Climate Change** | Geoscience | Geochemistry and geophysics | Physical geography | Environmental science | Climate research | Oceanography | Hydrology | Water resource | Waste management, reuse, reduce & recycle related technologies | Geology and geography | Earth sciences | Other |
| **Health** | Physical health | Mental health | Public health | Social health | Medical devices | Oncology | Pharmaceutical research | Biotechnology | Other medical services | e-health | Bioinformatics | Other |
| **Security** | Cybersecurity | Corporate security | Environmental security | Food security | Home security | Human security | National security | other |  |  |  |  |
| **Agriculture, Fisheries, And Food** | Agriculture | Fishery | Food science | Soil science | Horticulture | Viticulture | Agronomy | Plant breeding | Agri biotechnology | Animal and dairy science | Veterinary science | Other |
| **Sustainable Use of Resources (Including Bioeconomy)** | Good health and well-being | Clean water and sanitation | Affordable and clean energy | Industry, innovation, and infrastructure | Responsible consumption and production | Climate action | Life below water | Life on land | Waste management, reuse, reduce, and recycle-related technologies | Water resource | Other |  |
| **Digital Technologies** | Autonomous applications | Cybersecurity | Fintech | Blockchain | Education technology | Marketing Technology | Game | IT for business | Big data | Internet of things | Chatbots | Artificial Intelligence |
| **Engineering Including Manufacturing** | Civil engineering | Electrical and electronics engineering | Mechanical engineering | Chemical engineering | Materials engineering | Medical engineering | Environmental engineering | Industrial engineering | Nanotechnology | Advanced manufacturing technologies | Aerospace engineering | Other |
| **Space** | Astronomy, cosmology, and other space-related sciences | Geoscience (Earth sciences which include atmosphere, oceans, climate, etc.) | Satellite development and manufacturing (payload, subsystems, components, etc.) | Space surveillance and tracking (SST) | Earth observation (downstream solutions e.g., Maritime and coastal applications, agriculture, etc.) | Satellite communications and GPS (downstream solutions) | Biology and biotech in space and microgravity | Other |  |  |  |  |
| **Marine And Maritime** | Marine Science | Aquaculture | Blue biotechnology | Maritime engineering | Services and logistics | Offshore technologies | other |  |  |  |  |  |
| **Social Sciences** | Psychology | Educational science | Sociology | Law | Political science | Social and economic geography | Media and communications | other |  |  |  |  |