

Detailed Info – EU FUNDING PROGRAMMES

RESEARCH – HORIZON / DIGITAL EUROPE

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HORIZON EUROPE

Leading objective:

- Empower European countries in the competition with the world

MEDICINE

- **PRECISION MEDICINE – PERSONALISED MEDICINE:** Treating the patient and not the disease: personalised treatment of the patient and disease prevention;
- **FIGHT AGAINST CONTAGIOUS DISEASES** (e.g. Covid-19 and new pandemics): studies; climate change and new diseases in Europe; Further education programmes, implementing the fight against contagious diseases;
- **ICT –APPS FOR MEDICINE (cross-sectoral approach);**
- **CYBER SECURITY.**

CLIMATE CHANGE and ENERGY SAVING

THE EUROPEAN GREEN DEAL with the following priorities:

- **NEXT GENERATION EU:** Reduce the net greenhouse gas emissions by at least 55% by 2030; Putting an end to wasteful packaging, boosting re-use and recycling; 3 billion additional trees to be planted in the EU by 2030;
- **REPOWER EU:** Diversifying energy supply in Europe; Promote energy saving measures; Accelerate the energy revolution by promoting the production of clean energy;
- **TRANS-EUROPEAN TRANSPORT NETWORK (TEN-V) and THE „CONNECTING EUROPE“ FACILITY (CEF):** electrical cars; development of the railway lines in Europe.

ICT

- **ROBOTICS,**
- Extensive use of **IT IN PRODUCTION PROCESSES**, e.g. 3-D Printers;
- **DIGITAL PARTICIPATION** in social and political decision-making processes;
- Implementation of **DIGITALISATION IN EDUCATION;**
- **ICT –Apps for medicine (cross-sectoral approach);**
- **CYBER SECURITY**

FOOD SUPPLY

- **ALTERNATIVE FOOD PRODUCTION** (Alternative sources of protein; **SOILLESS AGRICULTURE** in cities and suburbs; Aquaculture; Use of **SYNTHETICALLY DESIGNED BACTERIA** for food production in bioreactors; Reduction of greenhouse emissions in agriculture);
- **FUNCTIONAL FOOD**, as bridge between food industry and medicine;
- **REDUCTION OF FOOD WASTE.**

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DIGITAL EUROPE

Leading objective:

- Empower European countries in the competition with the world in the **digital transformation process**

HIGH PERFORMANCE COMPUTING / HPC

CLOUD, DATA AND ARTIFICIAL INTELLIGENCE

CYBERSECURITY

ADVANCED DIGITAL SKILLS

- Support of **incident response**.

- Specialised Education Programmes in Key Capacity Areas;
- Cybersecurity Skills Academy;
- Reinforcing skills in semiconductors;
- **Boosting digital skills** of young people, in particular **girls**.

ACCELERATING THE BEST USE OF TECHNOLOGIES

PROGRAMME SUPPORT ACTIONS

- **Blockchain**;
- Deployment of **Public Services**;
- **Confidence** in Digital Transformation – Safer internet;
- **European Digital Media Observatory** – Tackling disinformation;
- **EU Energy Saving Reference Framework**.

- Support to **Dissemination and Exploitation (D&E)**;
- Supporting the Network of **National Contact Points (NCPs)**;
- Information Systems for the **Digital Services Act and Digital Markets Act**;
- **External expertise**; Studies, Events and publications.

Further to the above, [EUCONTACT](http://eucontact.eu) contributes to **disseminating** innovation in Europe by promoting the following 2 EU Funding Programmes:

- the [EUROPEAN INNOVATION COUNCIL / EIC PROGRAMME](#) (under under **HORIZON EUROPE**: supports game-changing innovations throughout the lifecycle of a project, from early stage research to proof of concept, technology transfer, as well as the financing & scale up of start-ups and SMEs’;
- the [EUROPEAN RESEARCH COUNCIL / ERC PROGRAMME](#): Funds creative researchers of any nationality and age to run projects based across Europe.