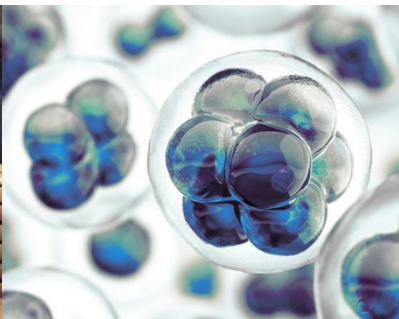




Europäisches
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Innovation is key for green transition: a deep dive into the EPO's Clean energy platform and hydrogen patent studies

The EPO's Clean energy platform



Outline



- Background
- The EPO's Clean energy platform in a nutshell
- Demo

Policy priorities in emerging technologies



Policy priorities in emerging fields of research in national STI strategies

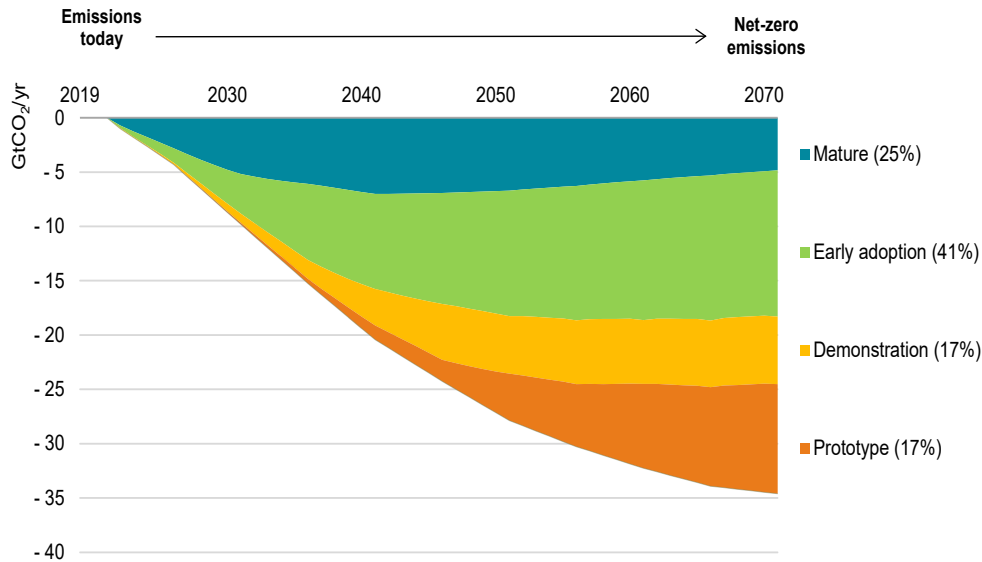
Emerging technology area	Number of mentions as a national priority
Energy (including clean energy, alternative energy, etc)	26
Genomics, biotechnology for human health	22
Nanotechnology	15
ICTs	12
Climate change, environmental sustainability and preservation of natural resources	11
Physical/material sciences and engineering	11
Food, agriculture and industrial biotechnology	9
Space exploration	5
Development of new modes of housing/habitat	5
Safer or more abundant drinking water	3
Marine biotechnology	3
Security/safety	3
Forest resources	1
Others	14

Source: Country responses to the OECD Science, Technology and Industry Outlook 2012 policy questionnaire.

OECD (2012), "Policies for emerging technologies", in *OECD Science, Technology and Industry Outlook 2012*, OECD Publishing.
http://dx.doi.org/10.1787/sti_outlook-2012-31-en

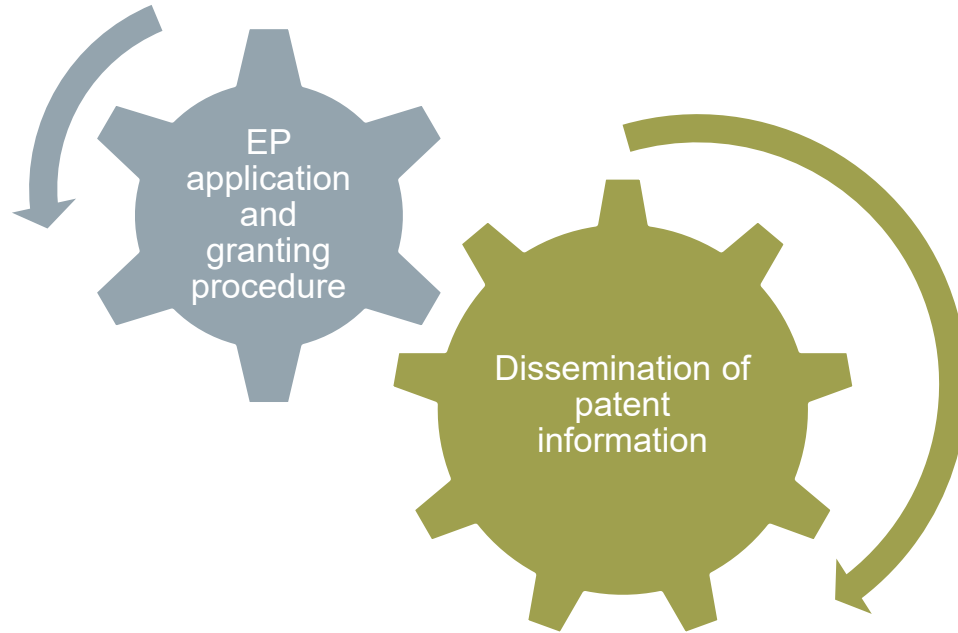
Innovation is key to energy transition!

Recent sustainability scenario of the International Energy Agency (IEA):



About one third of the technologies needed to shift to a net-zero path by 2070 are still at the prototype or demonstration stage.

Dual role of the European Patent Office regarding climate change mitigation technologies



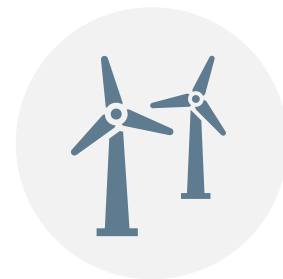


The EPO's technology platforms

- Facilitate access to patent information on important technologies
- Search concepts developed by numerous EPO subject-matter experts
- Supplementary data
- Additional information

Example: The EPO's [Fighting coronavirus platform](#)

The EPO's new Clean Energy Platform



- Facilitates access to patent information on clean energy technologies
- **3 main technology fields:** renewable energy, carbon-intensive industries/end use, energy storage and other enabling technologies
- Several **sub-sections**
- **Dozens of search concepts**
- Available since November 2022

Thank you for your attention!