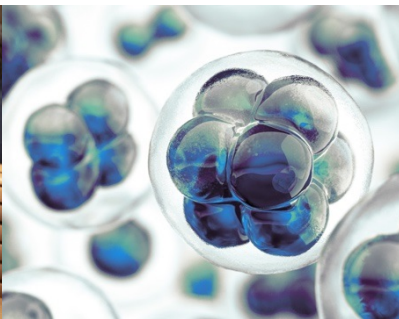




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EPO and climate change mitigation technologies



Yann Ménière

Intellectual property for the European Union in a world of challenges

19-20 February 2020

Performance of CCMT-intensive industries in the EU

Economic indicator	Contribution of CCMT-intensive industries Share
EU employment (direct)	2.5%
EU GDP	4.7%
EU wage premium (to non-IPR)	+ 93.3%
EU trade	
▪ % total EU imports	18.1%
▪ % total EU exports	17.1%

Identifying CCMTs in patent data

- EPO developed **Y02/Y04S** tagging scheme to search CCMTs
- The scheme:
 - contains almost **2000 classification codes** and more than **3 million documents**,
 - is integral part of the **Cooperative Patent Classification (CPC)**
 - is implemented in PATSTAT (updated twice per year) and ESPACENET

Overview of the Y02/Y04S tagging scheme

- **Y02E** Energy
- **Y02C** Carbon Capture
- **Y02B** Buildings (energy efficiency)
- **Y02P** Production (energy efficiency)
- **Y02T** Transportation (energy efficiency)
- **Y02D** ICT (energy efficiency)
- **Y04S** Smart Grids
- **Y02W** Waste and water
- **Y02A** Adaptation



EPO studies based on the Y02/Y04S scheme



Patents at
in Africa



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Caribbean



Climate change miti
technologies in Euro
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Development and deployment of
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Policy Brief



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