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*Status: Point in time view as at 31/12/2020.*

*Changes to legislation: There are currently no known outstanding effects for the Commission Decision of 3 November 2010 laying down criteria and measures for the financing of commercial demonstration projects that aim at the environmentally safe capture and geological storage of CO<sub>2</sub> as well as demonstration projects of innovative renewable energy technologies under the scheme for greenhouse gas emission allowance trading within the Community established by Directive 2003/87/EC of the European Parliament and of the Council (notified under document C(2010) 7499) (2010/670/EU), ANNEX II. (See end of Document for details)*

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## ANNEX II

### KNOWLEDGE-SHARING REQUIREMENTS

#### A. Technical set-up and performance

- reliability,
- CO<sub>2</sub> captured,
- performance at different levels, including differences between expected and real performance,
- increase in fuel demand; electricity, heat and cooling demand,
- key inputs and outputs and design,
- future identified Research and Development issues,

#### B. Cost level

- capital and operating costs,
- totals and costs per unit performance (tonne CO<sub>2</sub> stored, clean MWh produced),

#### C. Project management

- legislation/permitting,
- stakeholder management, including interaction with Governments,
- planning,
- project organisation,

#### D. Environmental impact

- effectiveness: reduction of CO<sub>2</sub> emissions per unit energy,
- other environmental impacts at undisturbed operation,

#### E. Health and safety

- incidents and near misses occurred (disturbed operation),
- monitoring and resolution systems to track safety,
- health issues in undisturbed operation,

#### F. CCS storage site performance

- models and simulations (development CO<sub>2</sub> plume – pressure front),
- history match results and adjustments (assessment to be made: normal within a deviation range or significant irregularity that needs action),
- behaviour of displaced brine through CO<sub>2</sub> injection.

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