

Energy Analyst, CCS Unit

Carbon capture and storage





Aims

- Consolidate and make more accessible information on key global approaches to broad range of CCS regulatory issues
- Support global CCS regulatory development and reform
- Enable IEA CCS Unit to respond more effectively to requests for detailed guidance on CCS regulation





Structure and content

- Organised by instrument
 - 33 English-language instruments included
 - Australia, Canada, EU, UK, USA
- Searchable by issue and jurisdiction
- Content
 - High level summaries
 - Article numbers
 - Legislative extracts
- Storage focus (no capture or transport)





Covers 22 distinct issues (plus definitions) for each instrument

Regulatory scope and definitions

Classification of CO₂

Composition of CO₂ streams

Geographic coverage, exclusions and prohibitions

Enhanced oil recovery (EOR)

Scope and management of rights

Property rights

Competition with other interests

Preferential rights between CCS operators

Third party access to storage sites

Public participation

Permitting storage site exploration, project development and CO₂ injection

Permitting exploration activities

> Controls on site selection

Environmental protection and impact assessment

Permitting CO₂ injection and storage Operating and closing storage facilities

Monitoring, reporting and verification

Inspections

Corrective and remedial measures

Operational liabilities

Financial security

Enforcement

Site closure

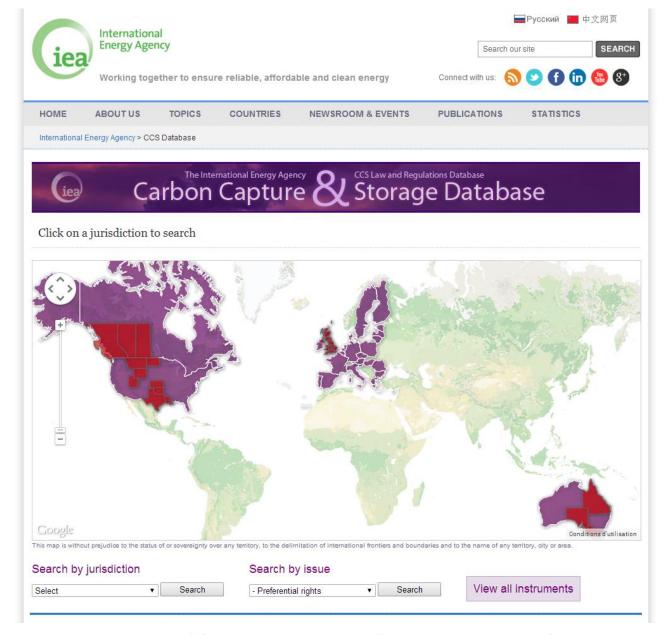
Management of long-term responsibilities and liabilities

Allocation of long term responsibilities and liabilities

Financial contributions to longterm stewardship







http://www.iea.org/ccsdatabase/





Future plans

- Revise information in the database to correct issues of formatting and presentation
- Revise portal to make it easier to see information at a glance
- Update instruments as time allows and as new instruments are introduced
- We would be happy to work with others to add new (particularly non-English language) instruments

Comments on portal and contents are welcome!



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