

Session 1
CCSの円滑な導入に向けた環境整備

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**Three types of legislations
leading to CCS Introduction**
義務、許認可 及び 促進制度

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Types of laws and regulations related to CCS

1. Legal Basis to Oblige CCS Implementation
実施を義務づける根拠となる法令
2. Laws on Permitting Process for CCS Operation
譲許(許認可・監督)権限を定める法令
3. Legal Basis for Promotion of CCS Introduction
実施の環境整備や促進策の根拠となる法令

Early movers (Australia, UK, Provinces of Canada) have developed all three types of legislation.

CCS先進国は全3分野の法律を整備

Obligations 義務付け

- **Carbon Tax 炭素税**
CCL and fuel duty (UK) Petroleum and Coal Tax (Japan)
- **CCS Ready**
Consent requirement for power station construction Art. 33, 2009/31/EC
Art. 39, Electricity Act 1989, UK
- **Regulations leading to CCS introduction**
排出規制
Emissions Performance Standard (UK, Canada, USA under discussion)

Permission (Concession) 許認可制度

- London Convention and Protocol

ロンドン議定書

1996 Protocol to the Convention on the Prevention of Marine Pollution by Dumping of Wastes and Other Matter, 1972 amended 2006

- Offshore Petroleum and Greenhouse gas Storage Act 2006, Australia 豪州石油鉍業法

Amended 2008 to introduce GHG injection license Liability after site closure(Part 3.4 Div.8)

- Rights similar to Mining Concession

鉍業法改正(州)

Victoria (AU), Alberta, B.C., Sask. (Canada)

- **Investment Promotion** **投資促進**
Funding for CCS demonstration (UK, CCPI/U.S.) CCS
CfD Allocation (UK) ?
- **Tax Credit, U.S.** **米の税額控除**
CCS, EOR Tax Credit based on ARRA 2009 etc.
- **Comprehensive Program of Alberta**
法に基づく包括的支援(アルバータ州)
CCS Funding Act, 2009
CCS Statutes Amendment Act, 2010
Carbon Sequestration Tenure Regulation, 2011

Conclusion

- Early movers have established comprehensive legal framework for CCS.
- Emission regulations and duties often work as introduction measures for CCS.
排出規制がCCS導入に結び付くことがある。
- Comprehensive permission system is essential for CCS operators to perform with confidence.
実施段階において、包括的な許認可制度が必要。