



CCS Regulatory Toolkit in Romania

Actual status of transposition the EU CCS Directive into the national legislation

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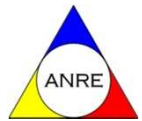


Actions at national level (1)

- Romania preparation for transposition of CCS Directive 2009/31/EC on the geological storage of carbon dioxide into national legislation started in early 2010



- The Ministry of Environment and Forests, in charged to coordinate the CCS Directive transposition, established a Working Group which involves representatives of the following national authorities:



- Ministry of Economy, Trade and Business Environment
- Ministry of Administration and Interior
- Ministry of Justice
- Department for European Affairs



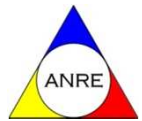
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- National Agency for Mineral Resources
- National Environmental Protection Agency
- National Environmental Guard
- Romanian Energy Regulatory Authority



Actions at national level (2)

- **February 22, 2011:** the Draft “**Governmental Emergency Ordinance on the geological storage of carbon dioxide**” was published on the Ministry of Environment and Forests website, for public consultation



- The draft GEO, established:
 - the **following actions** which have to be undertaken (after adoption of the GEO)
 - the relevant **competent authorities** responsible for fulfilling the duties established
 - a number of pieces of other **national legislation** which has to be amended in order to establish requirements on carbon dioxide capture and transport operation



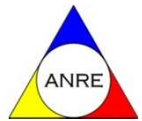
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Following actions (1)

Government of Romania:

- approval of the GEO on the geological storage of carbon dioxide
- adoption of a new Government Decision establishing the organization and the structure of the National Agency for Mineral Resources, which will replace the existing one (GD no. 1419/2009)
- adoption of a new Government Decision establishing the financial security or any other equivalent measures for the operators which apply for a storage permit (within 12 months after adoption of the GEO)
- adoption of a new Government Decision establishing the support schemes for CCS technologies development (within 12 months after adoption of the GEO)



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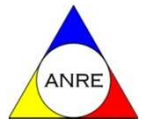


Following actions (2)

National Agency for Mineral Resources:

- develop specific procedure for granting exploration permits (within 90 days after adoption of the GEO)
- develop specific procedure for granting storage permits (within 180 days after adoption of the GEO)

These two procedures will be approved by the Ministry of Environment and Forests



- develop specific procedure in order to assure the transparent and non-discriminatory access to the CO₂ storage sites (within 9 months after adoption of the GEO)

Romanian Energy Regulatory Authority:

- develop specific procedure in order to ensure the transparent and non-discriminatory access to the CO₂ transport networks (within 9 months after adoption of the GEO)



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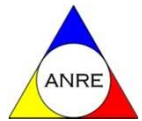


Relevant competent authorities (1)

Ministry of Environment and Forests, National Environmental Protection Agency and National Environmental Guard:



- reporting to the European Commission
- routine and non-routine inspections of storage complex



Ministry of Economy, Trade and Business Environment:

- establishing support schemes for CCS technologies development



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Romanian Energy Regulatory Authority:

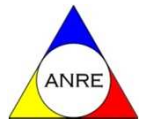
- CO₂ transport licence



Relevant competent authorities (2)

National Agency for Mineral Resources:

- assessment of the storage sites (areas at the national level which may be selected for the storage sites) and the available storage capacity
- granting/update/withdraw of the exploration permits and the storage permits
- compliance checking with the legal requirements during operation, closure and post closure periods
- reporting and notifications to the European Commission
- establishing and maintaining a register of the granted storage permits
- third-party access to the storage sites (specific procedures will be developed)
- specific procedure for CO₂ storage activities
- approval of the transfer of responsibility
- checking of the operator annual financial contribution for safety operation and post closure period



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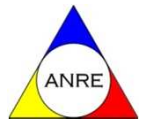


Modified national legislation (1)

- GD no. 445/2009 on the assessment of the impact on the environment of certain public and private projects - **Directive 85/337/EEC (EIA Directive)**



- Law no. 107/1996 - Water Law with modification and completion by Law no. 310/2004 – **Directive 2000/60/EC (EU Water Framework Directive)**



- GEO no. 78/2000 on waste, as amended and supplemented (Law no. 426/2001, Law no. 101/2006, GEO no.61/2006, Law no. 27/2007) – **Directive 2006/12/EC (Waste Management Directive)**



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- GD. 440/28.04.2010 concerning the establishment of measures to limit air emissions of certain pollutants from large combustion plants – **Directive 2001/80/EC (LCP Directive)**





Modified national legislation (2)



- GEO no. 68/2007 on environmental liability with regard to the prevention and remedying of environmental damage, as amended and supplemented by Law no. 15/2009 - **Directive 2004/35/EC (Environmental Liability Directive)**

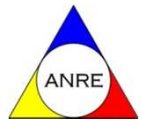


- Regulation (EC) no. 1013/2006 of the European Parliament and of the Council of 14 June 2006 on shipments of waste



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Note: the IPPC Directive provisions are already in place - GEO no. 152/2005, concerning integrated pollution prevention and control, modified by GEO no. 40/2010 (approved by Law no. 205/2010)



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Thank you for your attention!

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