



Source TNO

Ministerie van Klimaat en Groene Groei

Program sustainable use of deep subsurface

Programma duurzaam gebruik diepe ondergrond (DGDO)

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Bridging the technical and social perspectives

- › How to bridge the gap?
 - Knowledge development, retrieval and sharing
 - Transparant
 - Accessible
 - Avoid unrealistic expectations
 - Involve stakeholders at an early stage
 - **Development of policy (policy cycle)**
 - Decision licensing
 - **Specific local projects (operators)**
 - Government needs to be clear about ambitions
 - Risk policy
 - **Program sustainable use of the subsurface**
 - Distribution of benefits and burden
 - Transparant, clear and understandable communication

Intern gebruik

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Program sustainable use of deep subsurface

- › Goals:
 - Spatial integration of future activities deep subsurface
 - Strengthen network with stakeholders
- › Scope
 - Energystorage and geothermical energy
- › Preparatory phase (period 2024-2025)
 - Exploratory conversations with stakeholders
 - Drafting citizen involvement
- › Start dialogue (from Q1 2025)
- › Current outlook up to 2035; five-yearly recalibration from 2035-2050

Intern gebruik

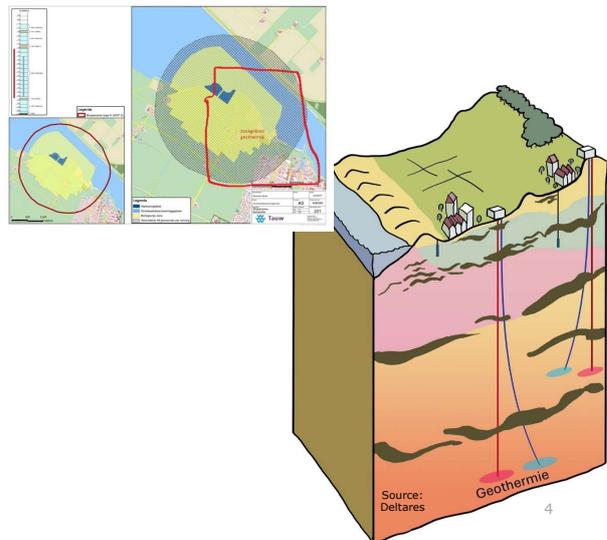
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3D and 4D planning of the deep subsurface

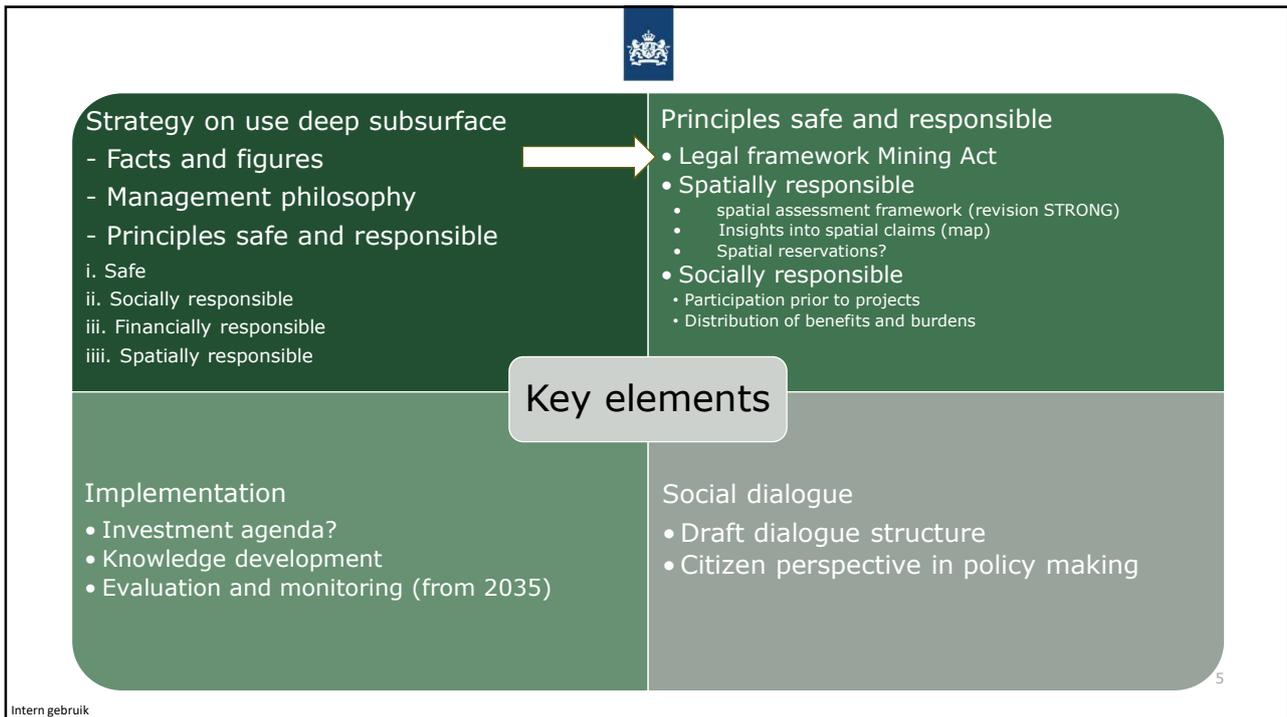
- › More in conjunction with other use of de subsurface and topsoil
- › A spatial assessment framework
- › Insight into **where and when** activities can or cannot take place
- › Spatial planning goes hand in hand with social dialogue
- › Balancing multiple interests



Intern gebruik

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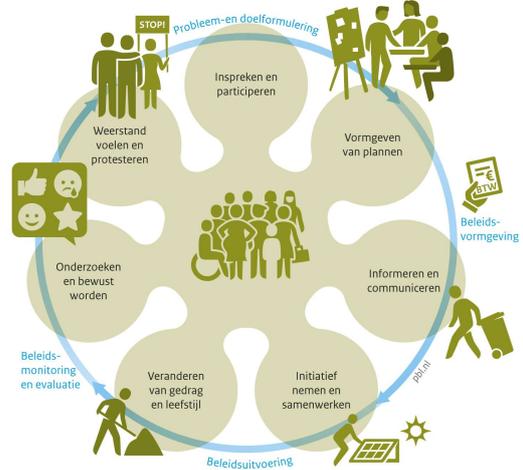
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Challenges social dialogue

- Different role in each phase of the policy cycle
- Mandate
- Continuity

Betrokkenheid gaat over meer dan participatie

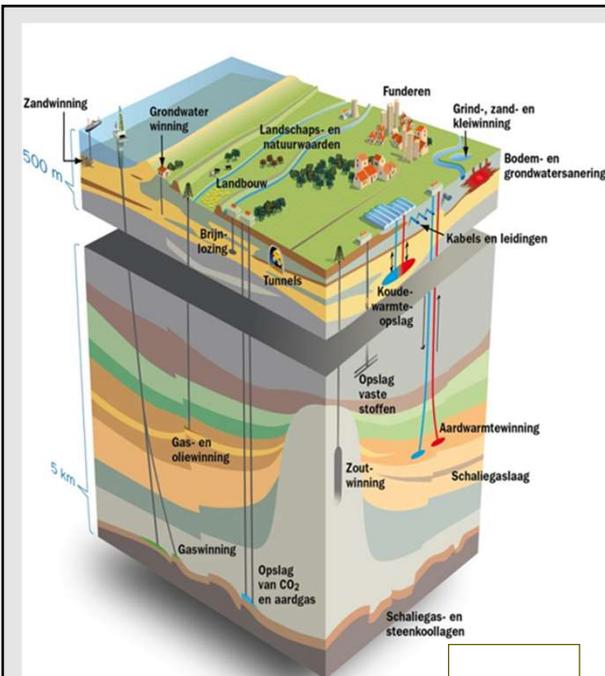


Bron: PBL

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Intern gebruik

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Source: TNO

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Safe and responsible use of the deep subsurface

- › Future developments
 - **Program sustainable use of the deep subsurface**
 - Knowledge program Social Effects Mining (SEM element of Knowledge program Effects Mining)
 - PIO program: Data subsurface more accesible for stakeholders
 - Expanding the KNMI network
 - Revision MiningAct
 - Desk study distribution of benefits and burden