



## **Bureau of Minerals and Petroleum**

Government of Greenland

**[www.bmp.gl](http://www.bmp.gl)**

**[bmp@gh.gl](mailto:bmp@gh.gl)**

Phone: +299 346 800 Fax: +299 324 302

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Government of Greenland



### AGENDA

- About Greenland and BMP
- Existing tools
- New system
- The project
- Result

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## About Greenland

- Population: appx. 57.000, 3.000 km long and 1.000 km wide, 80% is Icecap
- Home Rule Government established 1979, all aspects of governing is placed in Nuuk, a parliament and Government is in force, except in foreign-, military-, and justice legislation
- Main industry is fishing
- Minerals exploration and exploitation is a growing industry
- 2 mines and several oil licenses in act
- Oil licensing round in progress

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## About BMP

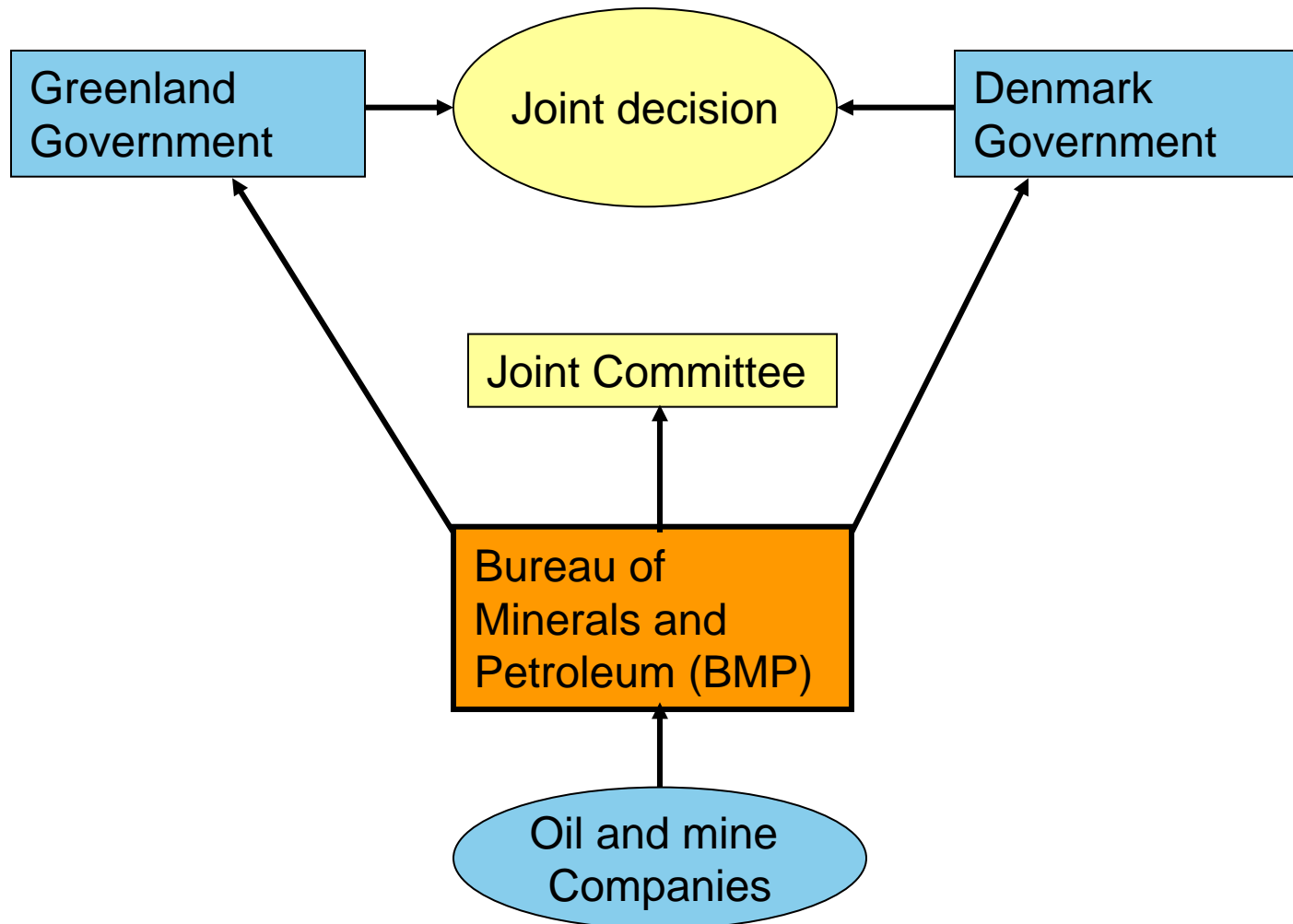
- The Bureau of Minerals and Petroleum (BMP) in Nuuk, Greenland is the administrative body for the Greenlandic as well as the Danish Government
- BMP is the place of entry for all aspects of administration of minerals and petroleum; “the one-door principle”
- Mineral resources in Greenland are regulated by the Minerals Resources Act
- Management of exploration and production of mineral resources in Greenland is a joint responsibility of Denmark and Greenland
- Joint Committee is the political body in the Minerals Resources Act

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## Joint Committee





## Existing tools

- BMP have a Access database with central information of an applicant, spatial information and company relations
- Journal system store the informations
- Other tools: Spreadsheets, MS-Frontpage, GIS 3.1
- Producing data to web-publication, using GIS and plain data format
- Publish information of applications, area and relevant information in order for companys to apply
- The whole process is for publishing in web only!

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## *New System*

- Requirements
  - Be able to function as an integrated administrative system
  - Contain the Mineral Resources Act of Greenland
  - Contain the regulations
  - Contain the special construction in Greenland and Denmark
  - Have the compatibility for several systems; GIS, DB, WEB...
  - Web functionality and connectivity
  - Contain the rules, actions and objects
  - Contain Hydrocarbons
- In other words: Manage the Mineral Licenses

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## Requirements

- Someone to:
  - Project definition, planning and execution
  - Contractor and Contractor's personnel
  - Description of the proposed solution
  - General description of the environment
- And understand:
  - Acts and regulations
  - Joint committee
  - Hydrocarbons



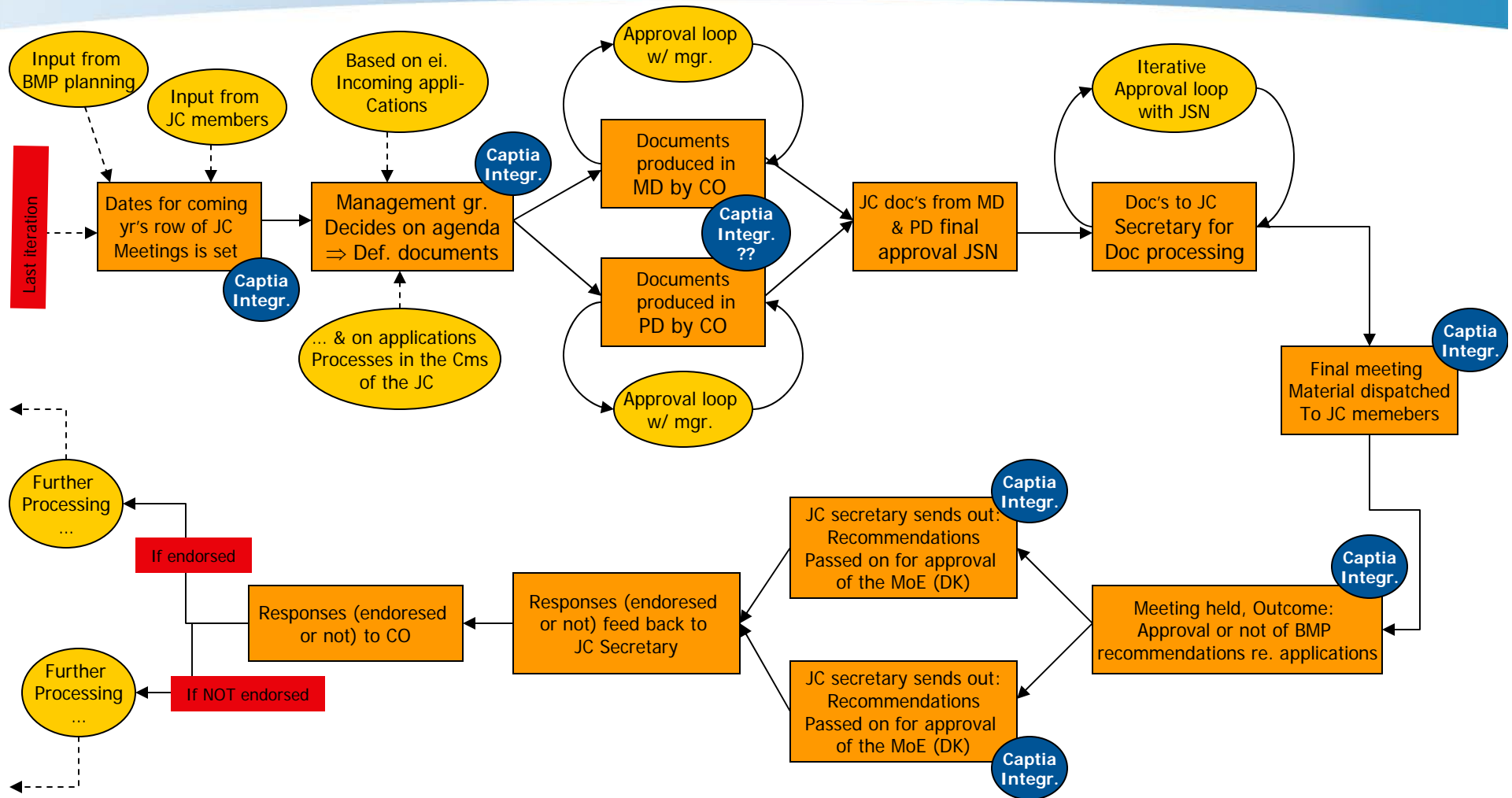


## *The Project*

- Use of external consultants (GEUS)
- Define and consolidate requirements
  - Workshops and meetings
  - Interview of staff and management
- Other contractors and countries
- Choosing FlexiCadaastre
  - Criteria: Process oriented system and can integrate to other sys.
- Contract
- Workshop
- Implementation

# Joint Committee Flow Diagram

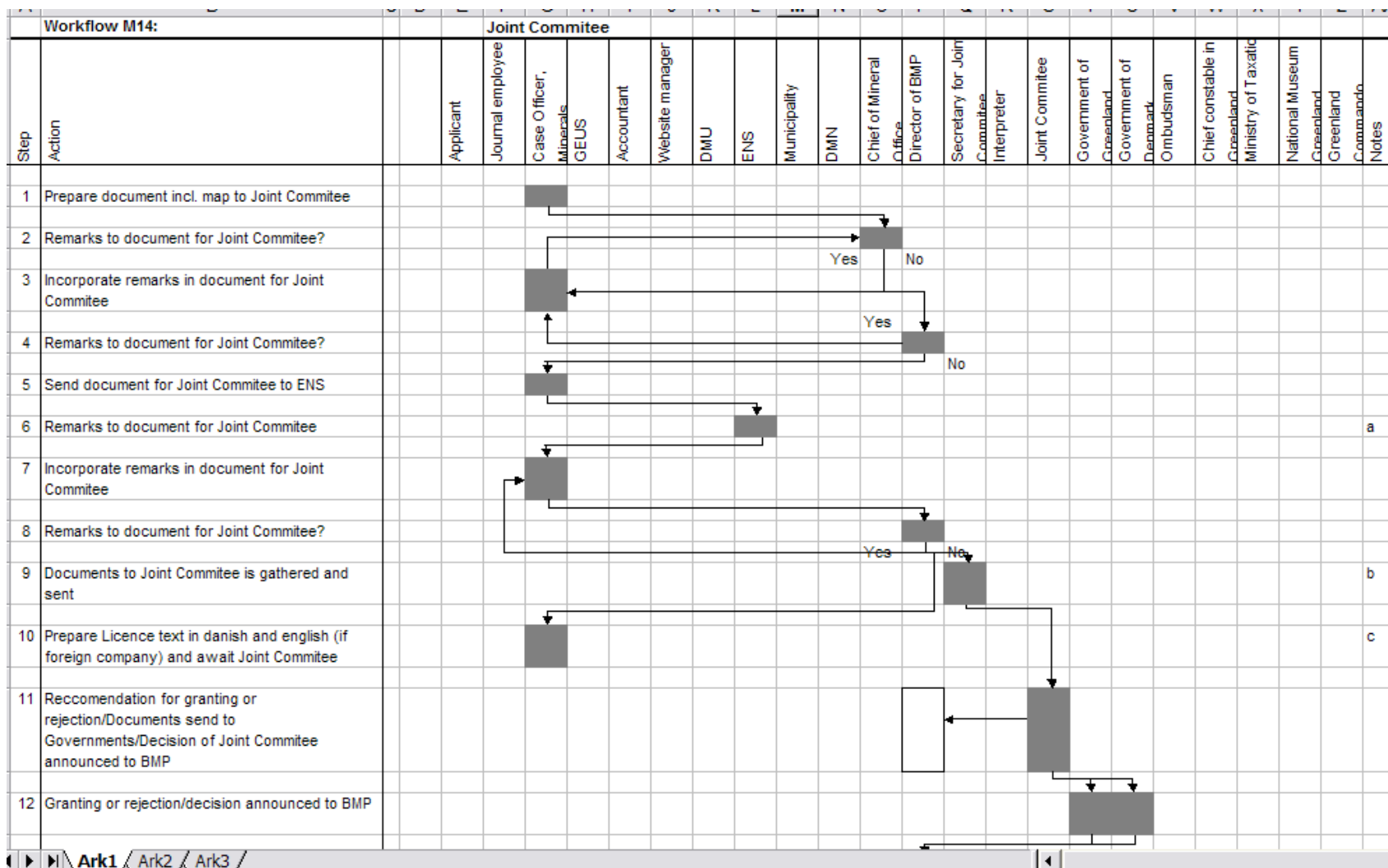
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## Workflows



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## Result

- FlexiCadastre + Web + GIS functions
  - Installation is completed
  - “Standard” installation plus extra (JC, Batch, HC)
- Handles
  - Management of licences
  - Procedures for Joint Committee
  - Batch periods
  - Hydrocarbons included
  - Integration of GIS, WEB and working orders

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## Result

- Future working environment
  - FlexiCadastre
  - Minimum updating procedure
  - Database with Geodatabase for data sharing
    - Web-interface
    - Mineral hunting program
    - Other Government offices
  - Oil data stored and managed as in Minerals!