

Development of petroleum database

CCOP EPPM workshop
16-17 Nov. 2010

Seonghyung Jang

KIGAM

- History of petroleum database

Phase 1
2006 – 2008

**Developing PDMS prototype and
operating**

Phase 2
2009 – 2011

**Evaluation petroleum database and
supplement**

Phase 3
2012 – 2015

**Service petroleum database and
supplement**

Petroleum Data Management System

- Metadata elements

- Fields: Fields ID, Blocks, . . .

- Seismic: Survey name, survey code, data, survey type, . . .

- Wells: Well name, basin, field, lat., long., elevation, ..

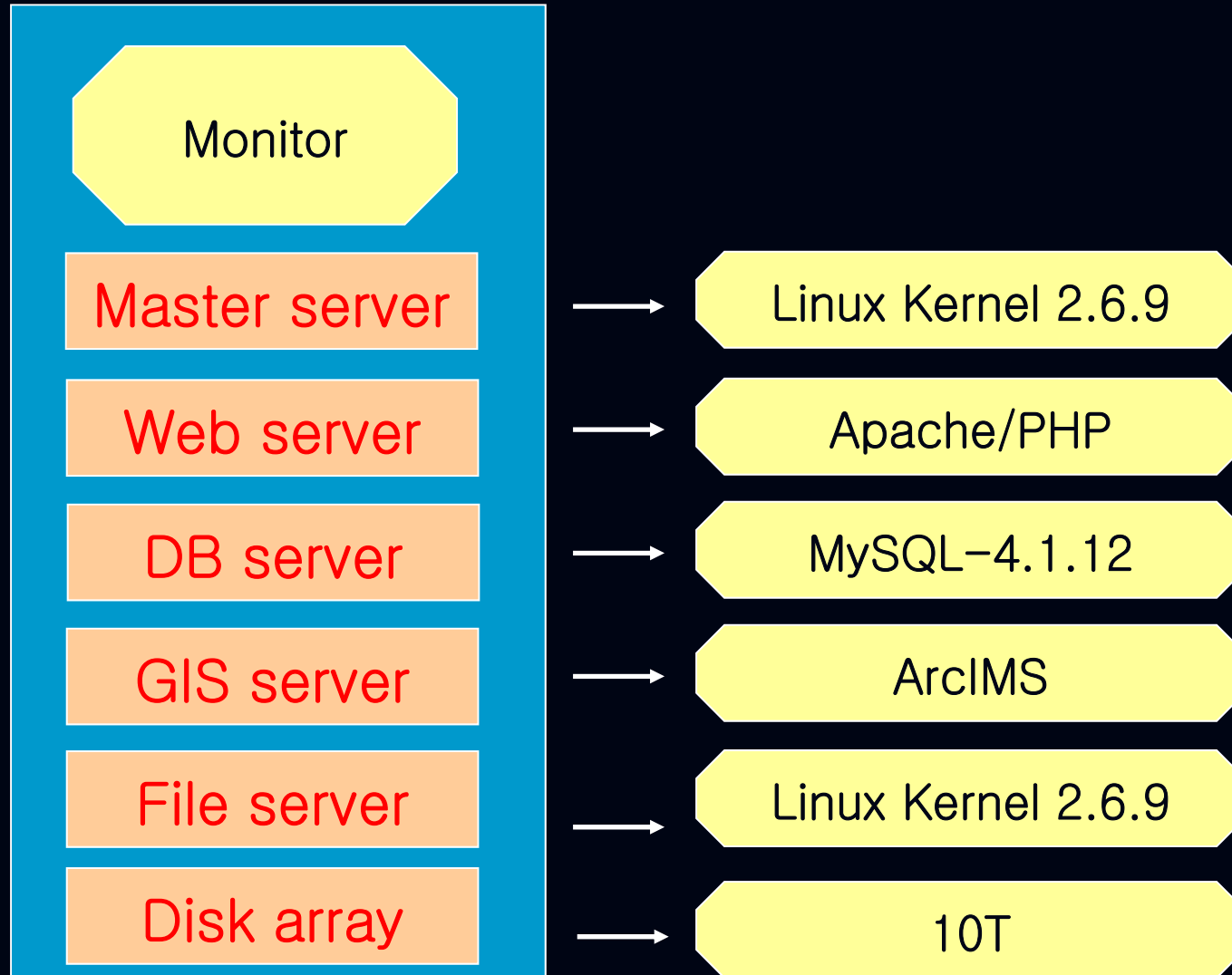
- Other survey : Survey name, survey ID,...

- All titles: Title ID, Type status, issued data, expiry data

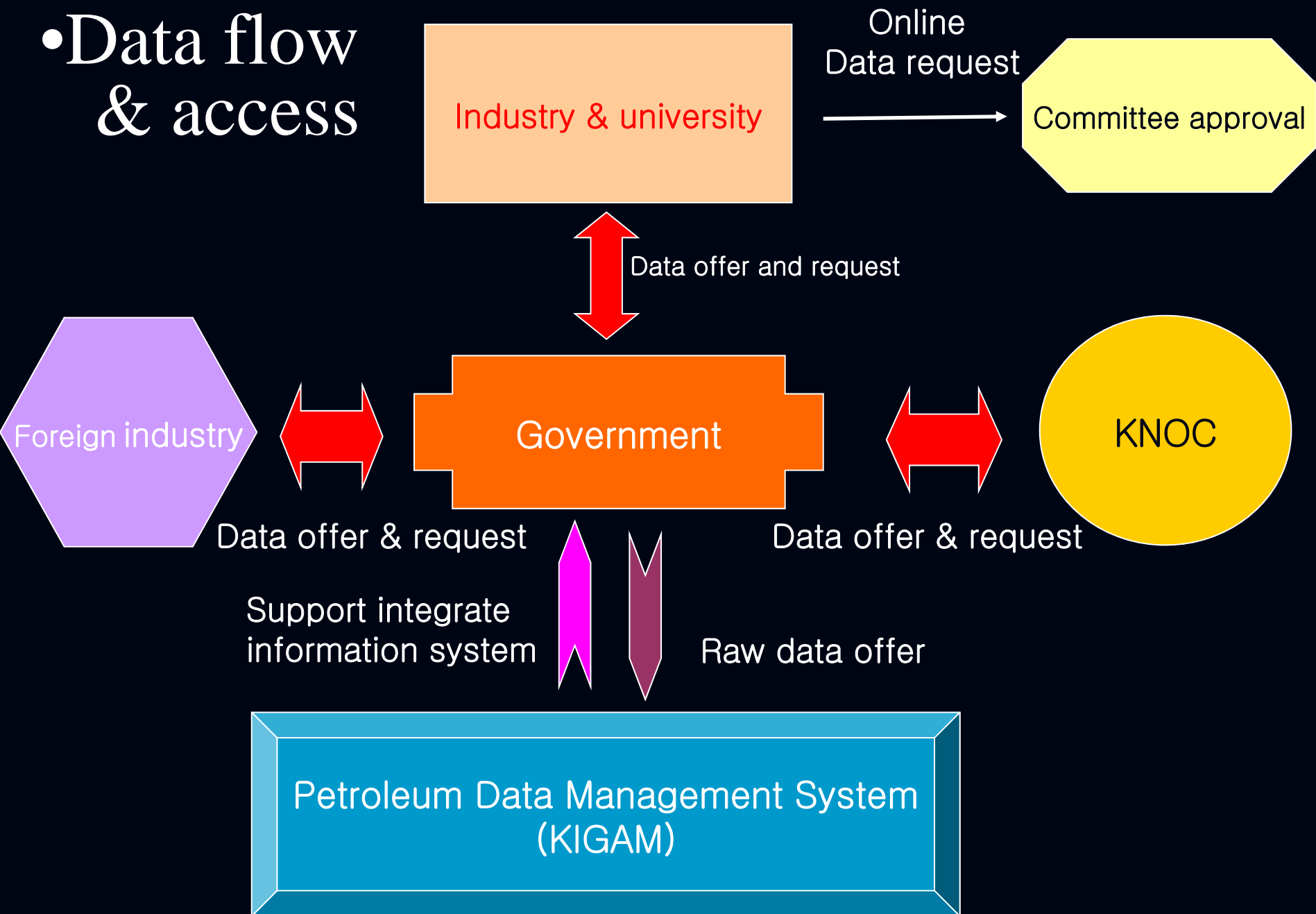
- Surface facilities: Facility name, facility type, ...

- GIS DB: World Geodetic System (WGS84)

•System & technologies



•Data flow & access



PDMS: www.petroDB.net

ArcIMS Test - Microsoft Internet Explorer

파일(F) 편집(E) 보기(V) 즐겨찾기(A) 도구(T) 도움말(H)

뒤로 - - - - - 검색 ☆ 즐겨찾기 미디어 - - - - - 이동

주소(D) http://61.250.224.185/website/testgis/viewer.htm

Petroleum Resources Information System
KIGAM GIS/데이터베이스

전체 확대 축소 이동 이전 거리계기 정보보기 일구정보 보고서 프린트 선택식제

일반현황
대륙붕분지
석유자원개발현황
에너지/자원정책

레이어

지질 범례
 단층/지질경계
 분지/지질구조
 지질단면

구역 범례
 광구
 소구
 유전

시추공 범례
 탐사공
 개발/생산공

탄성파탐사 범례
 탐사축선
 탄성파단면

적용

1 2 3 4 5 6 6-1

Sootra basin Jeli basin Domi basin

JDZ 1 JDZ 2 JDZ 3 JDZ 4 JDZ 5 JDZ 6

0

Metadata system

- Use/experience:
- Comments/suggestions to improve the system:
 - connecting MC's metadata system
- Suggestions for a guideline to how-to-best manage the system:
 - Active upload
 - Explanation what is the metadata system
- Training support requirements:
 - Manual for users & system manager