Eurospace RDT Priorities

RDT POLICY CONCERNS

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RDT Policy Objectives

- **RDT Policy is:**
  - A key enabler to European Space programmes
  - A stepping stone giving shape to industrial capabilities
- **Space shall remain accessible to Europe**
  - This is a matter of Space transportation
  - This is a matter of industrial capabilities and competitiveness
  - This should be one of the objectives of the European Space Strategy
- **To date European Space industry is doing good**
  - Fruit of decades of consistent public investment
  - One of the few areas of excellence of Europe
    - Achieved at very effective budgetary conditions
- **The paradigm is changing**
  - Better than the Chinese, cheaper than the Americans
    - Chinese are getting better
    - Americans are getting cheaper
Competitiveness

- European Space industry is competitive
  - Competitiveness is difficult to assess
  - It depends on achievements of worldwide competitors
  - It needs to be relentlessly improved
- Support to Competitiveness is a shared concern
  - All European Space policy papers make a case of it
- Difficult to set objectives
  - Knowledge of the markets
  - No one better than industry can define the needs
  - Industry is at best “consulted”
    - Issue of governance
Industry RDT Priorities

• Industry knows what it needs
  ○ Unrestricted access to the State of the Art
    ▪ Basic condition to public and private customers
    ▪ In all technological domains
    ▪ At affordable and risk mitigated conditions

• High TRL
  ○ Usually not a feature of public RDT programmes
  ○ Permanent demand of industry
  ○ From technology to qualified product
    ▪ Including IOD, IOV
  ○ Implies careful selection of priorities

• Time to market
  ○ Has a lot to do with processes

• Effective production capabilities
  ○ Limited possibilities for public support to industry
European Space RDT Policy

- **Alignement of budgets and priorities**
  - Both need to be aligned
  - Requires dynamic exchange with industry

- **Europe-wide technology policy**
  - Avoid unnecessary duplication of efforts
  - Key to ensure that objectives will be met
  - Key to ensure time-to-market