

Japan's Aircraft Industrial Policy

Yoichi Iida

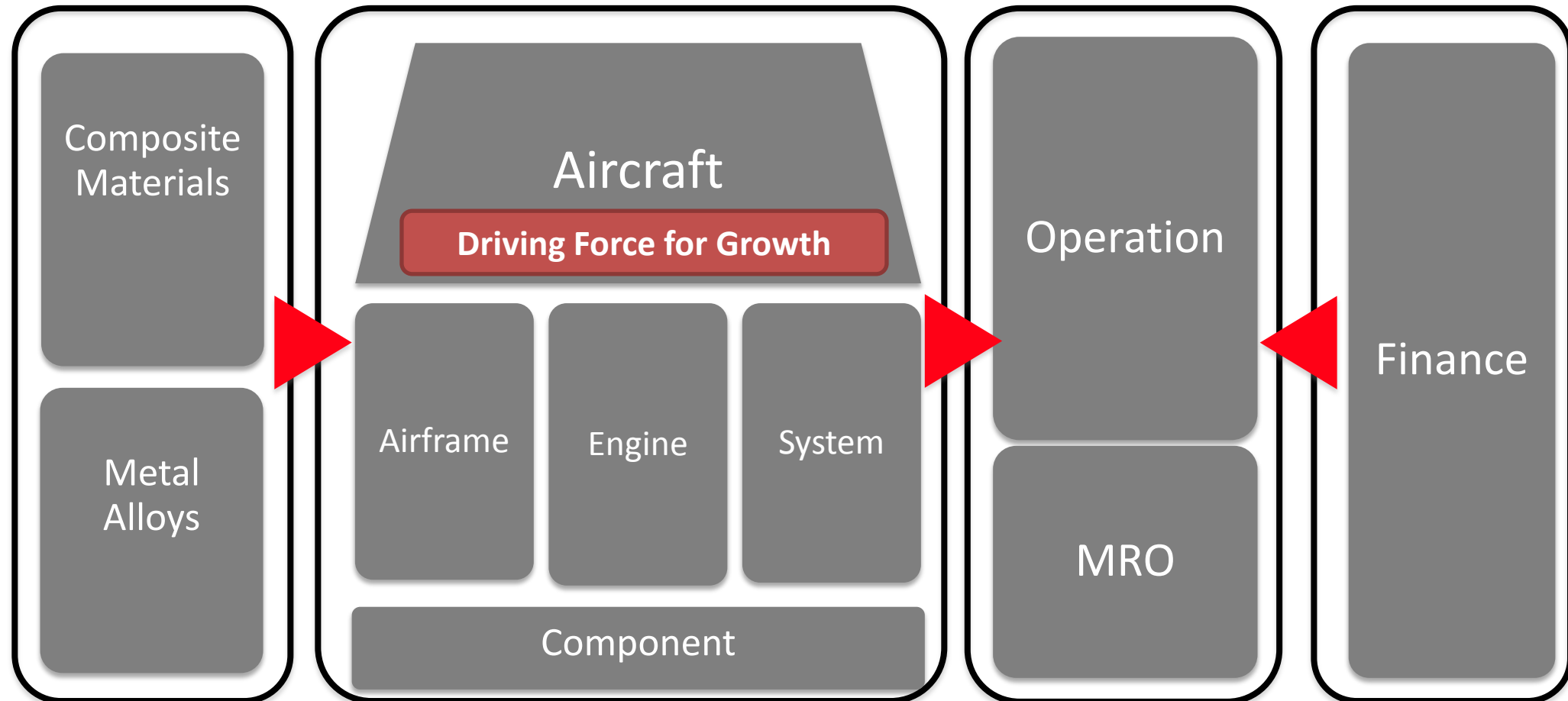
Director

Aerospace and Defense Industry Division

Ministry of Economy, Trade and Industry

Structure of Aircraft Industry

- Aircraft industry is a set of wide range of businesses, including not only manufacturing but also service and financing.
- Aircraft itself offers values for passengers and customers and it is a driving force for the growth of aircraft industry as a whole.

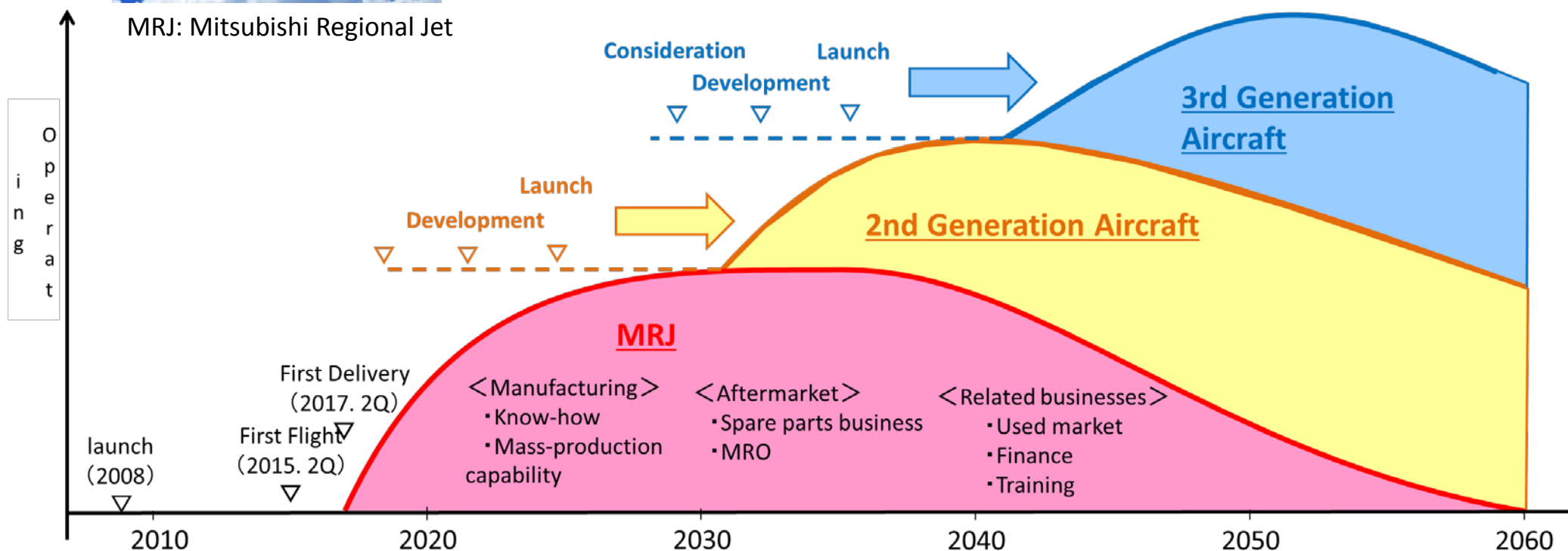


Vision for Future Aircraft Programs

- Following MRJ program, a series of aircraft programs are expected to be launched in next decades.
- METI, together with other ministries, will set a business environment for Japanese aircraft industry in collaboration with international partners.



MRJ: Mitsubishi Regional Jet



METI's Policy Framework

- Considering key features of future aircrafts, METI promotes technology development, improves innovation system and encourages industrial partnership.

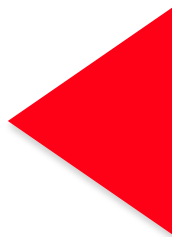
Efficiency

Environment

Safety

Affordability

Value-added



Technology

- Aerodynamics
- Aircraft systems**
- Advanced materials
- Other key enabling technologies

Innovation
System

- Project management system and funding mechanism**
- Testing and demonstration platform and infrastructure
- Regulatory framework(airworthiness and etc.)

Industrial
Partnership

- Vertical and horizontal partnership in a supply chain
- New players from other industries(automobile, electronics)
- Enhanced partnership with international players**

Japan-Europe Cooperation (now)

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Industrial Cooperation

- **SST** (Japan-French Cooperation on Supersonic Technologies)
- **JASTAC** (Japan Airbus SHM Technology for Aircraft Composite)

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FP7

- **SHEFAE** (Surface Heat Exchanger For Aero Engines) – with Rolls Royce
- **JEDI-ACE** (Japanese-European De-Icing Aircraft Collaborative Exploration)
–with Fraunhofer
- **HIKARI** (High speed Key technologies for Air transport Research & Innovation cooperation) – with EADS

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Horizon2020

- **Coordinated Call for 2015**
 - Future passenger-friendly cabin architecture and systems
 - Lighter integrated heat exchanger systems
 - Efficient composite structure manufacturing and monitoring
 - Smarter flight control technologies for enhanced safety

Japan-Europe Cooperation (future)

Both METI and European Commission will explore further collaborative projects between Japan and Europe.

- **Comprehensive review through SUNJET II**
- **Specific Topics such as electrical technologies**

Thank you for your attention!

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