

Japan, UK and Italy join fighter jet project

Japan, Britain and Italy have signed a defence agreement on a new jet fighter, joining forces to fund a multi-billion dollar programme capable of competing with the next generation of warplanes

Three-way collaboration will merge Japan's **F-X** project with UK and Italy's **Tempest**

Tempest fighter jet
First unveiled at Farnborough Airshow in July 2018

Picture: RAF

SIXTH-GENERATION FIGHTERS



Tempest

Introduction: **2035**

Cost: **est. \$30bn**

Contractors:
BAE Systems (UK)
Leonardo (Italy)

To replace: **Typhoon**



F-X

Introduction: **2030s**

Cost: **est. \$40bn**

Contractor:
Mitsubishi

To replace: **F-2**



Future Combat Air System (FCAS)

Introduction: **2040**

Cost: **est. \$103bn**

Contractors: **Dassault (France)**
Airbus (Germany)
Indra (Spain)

To replace: **Rafale, Typhoon**

Next-Generation Air Dominance (NGAD)



Introduction: **2030**

Cost: **\$4.2bn***

Contractors: **Lockheed Martin,**
Boeing, Northrop Grumman,
General Electric, Pratt & Whitney

To replace: **F-22 Raptor**

Mikoyan PAK DP



Introduction: **2030s**

Cost: **Not known**

Contractor: **Mikoyan**

To replace: **MiG-31**

**Appropriated so far by Congress since 2015*

Conceptual artwork