



# National Aerospace Technology Exploitation Programme

**NATEP**

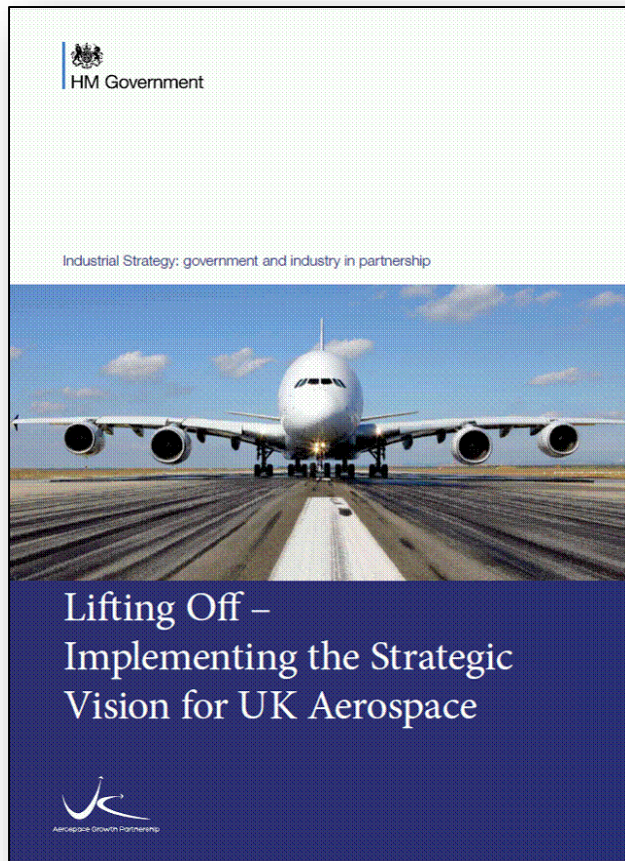


AEROSPACE  
TECHNOLOGY  
INSTITUTE



Department for  
Business, Energy  
& Industrial Strategy

# Background to NATEP



In support of the UK Aerospace Industrial Strategy for the Aerospace Sector, the Aerospace Growth Partnership (AGP) developed a National Aerospace Technology Exploitation Programme (NATEP) aimed particularly at small and medium sized businesses to :

- help them develop their own innovative technologies
- Increase their ability to win new business with higher tier companies anywhere in the world

NATEP was supported 2013-2017 by the Advanced Manufacturing Supply Chain Initiative.

NATEP is supported 2017-2020 by the Aerospace Technology Institute.

# NATEP - Summary

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- **A £14.4m programme supported by £8m funding from the Aerospace Technology Institute**
- **Will deliver 40 collaborative Research & Technology projects for the aerospace supply chain involving 100+ supply chain companies**



# NATEP - Summary

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**NATEP is supported by the signatories of the Aerospace Growth Partnership Supply Chain Charter:**

**Airbus**

**GE**

**Rolls-Royce**

**SAFRAN**

**Bombardier**

**UTC**

**Leonardo Helicopters**

**GKN**

**Spirit**

**Thales**

**Boeing Defence Space & Security**



# NATEP Programme Consortium

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Programme Lead Organisation



Consortium Partners



# NATEP - Summary

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## NATEP

**£14.4m programme running until 2020**  
**Phased over three 6-monthly competitive calls**  
**Provides 3-way help**



**Funding**



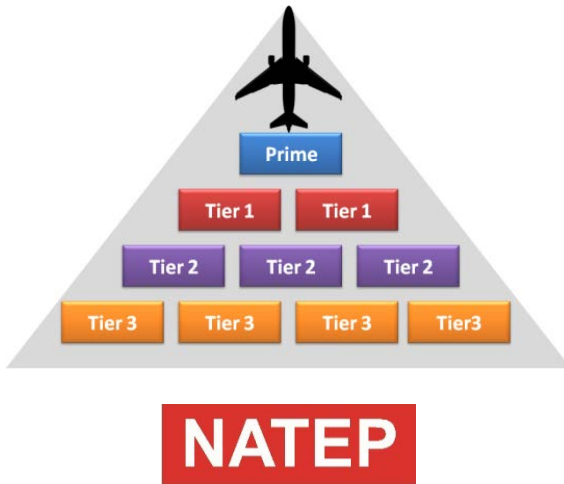
**Collaboration**



**Mentoring**



# Objectives of NATEP



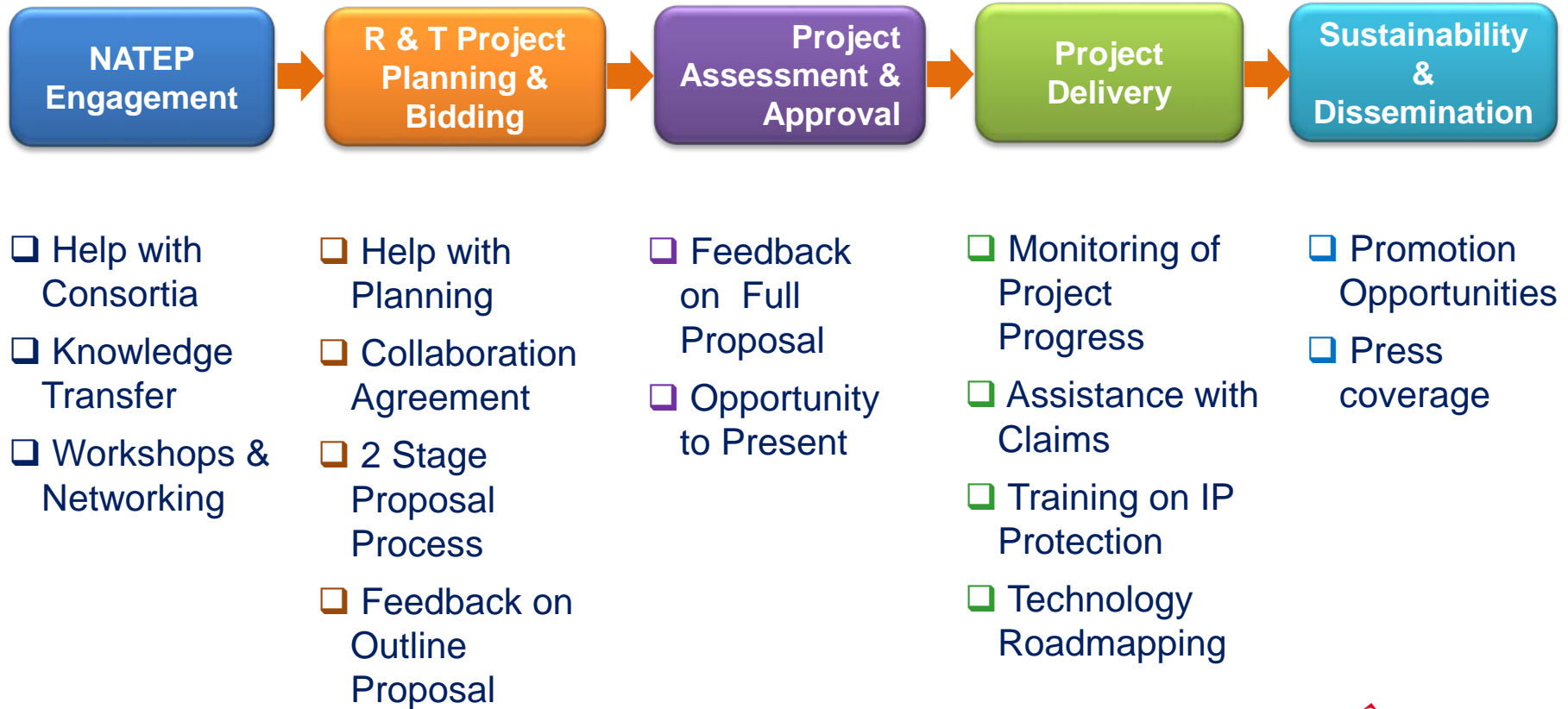
**Grant funding :**  
**Up to £150K with**  
**typical duration of**  
**18 months**

- Use the proven model to deliver via the Regional Aerospace Alliances
- Deliver 40 technology projects in the UK aerospace supply chain
- Strengthen the technology development capabilities of UK supply chain companies
- Create / sustain high value jobs in the UK aerospace supply chain
- Align aerospace OEMs, mid-caps, SMEs and HEIs / Catapults within the ATI Technology Strategy & Portfolio Update 2016 “Raising Ambition”.
- Deploy developed technologies in global aerospace platforms by 2020/25



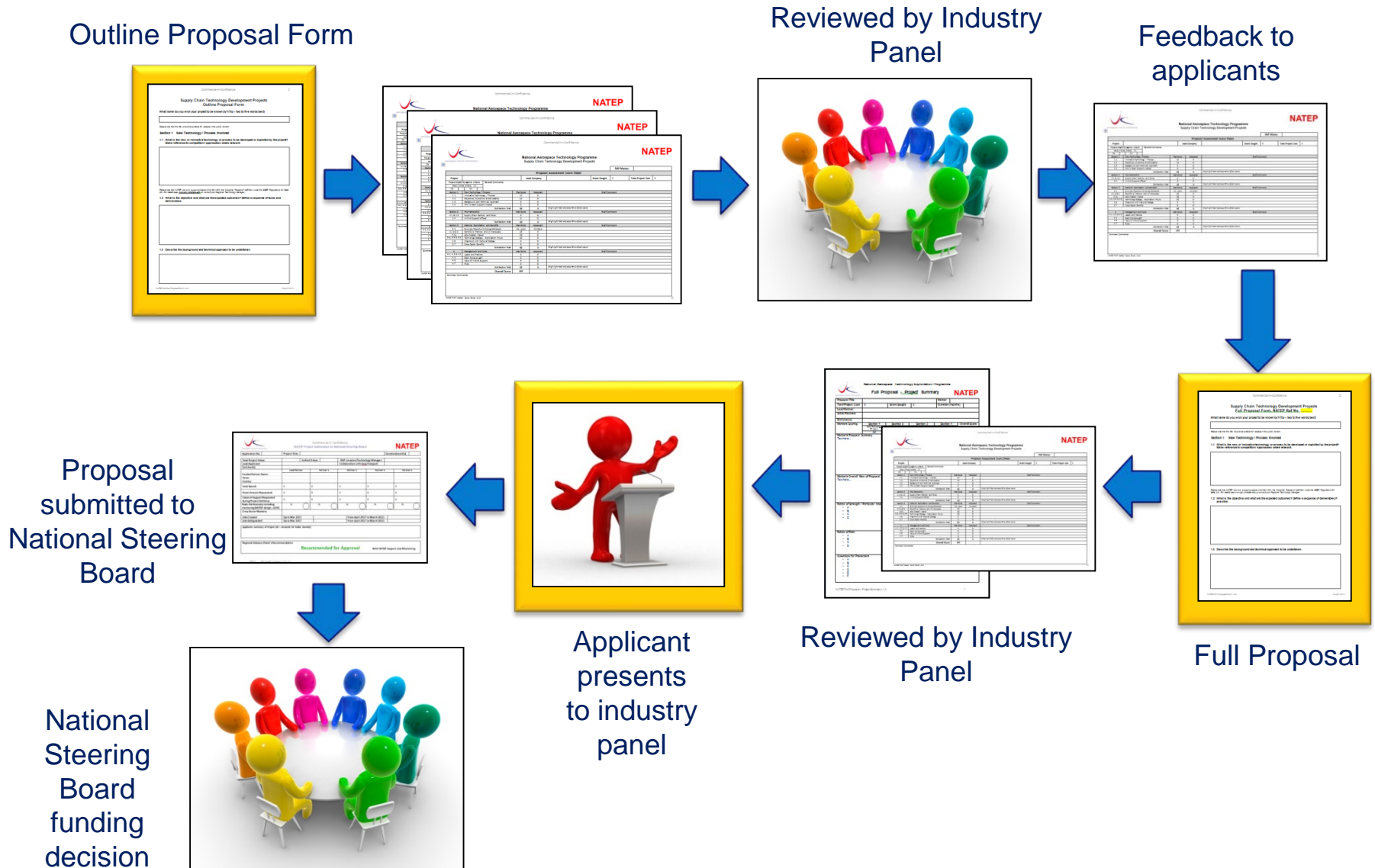
# The NATEP Model

## *'Money & Mentoring'*





# The NATEP Process



# NATEP Project Criteria

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- **Technology must have an application or potential application within civil aerospace.**
- **Projects comprise a supply chain technology partnership of at least 2 entities and preferably 3 or more.**
- **Partnerships May include University, Catapult or other Research & Technology Organisation participants but must be industrially led.**
- **Projects must show clear benefit technically and in creating or safeguarding jobs.**
- **Technology must have a clear path to exploitation through customers, System House or Prime (i.e. involve an unfunded customer/end user).**
- **Projects must have the objective to pull through new technology or process for use in current or future product or manufacturing process.**
- **Fundamental research not suitable, but wide range of Technology Readiness Levels (Usually TRL 4-7) considered, provided that a clear outcome is defined.**
- **Development of technologies should be in line with Aerospace Technology Institute Technology Strategy or an explanation provided of why if not.**
- **Preferred wider exploitation possibilities to enhance capabilities within the broader aerospace industry, as well as within other sectors including advanced manufacturing.**
- **Preferred in kind support expected from larger companies.**
- **Companies outside the UK can be involved, particularly as end users but cannot receive funding.**

# NATEP Grant Funding

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**Cash grants are 50% of eligible project spend except -**

**Beneficiaries funded by Scottish Enterprise only:**

**NATEP grants of up to 50% of eligible project spend are available to SME companies located in Scotland. For Large companies operating in Scotland, NATEP grants are limited to a maximum of 40% of eligible project spend.**



# NATEP Project Technology Alignment

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- Development of technologies should be in line with Aerospace Technology Institute (ATI) Technology Strategy or an explanation provided of why if not.

- See [www.ati.org.uk](http://www.ati.org.uk)





# NATEP Call Timetable

**[Note: In case of changes please check dates against those on the NATEP website]**

	<b>Call Announced</b>	<b>Deadline for Outline proposal submission</b>	<b>Deadline for Full Proposal Stage</b>	<b>Project proposal presentation to a Panel</b>	<b>Grant funding awarded from</b>
<b>NATEP Call 7</b>	<b>26 June 2017</b>	<b>11 August 2017</b>	<b>27 October 2017</b>	<b>1 - 14 December 2017</b>	<b>January 2018 (tbc)</b>
<b>NATEP Call 8</b>	<b>6 January 2018</b>	<b>13 February 2018</b>	<b>26 April 2018</b>	<b>June 2018 (tbc)</b>	<b>July 2018 (tbc)</b>
<b>NATEP Call 9</b>	<b>June 2018 (tbc)</b>	<b>August 2018 (tbc)</b>	<b>October 2018 (tbc)</b>	<b>December 2018 (tbc)</b>	<b>January 2019 (tbc)</b>

## Further Information

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