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## IFA2 latest: Leading consultants Arcadis appointed to complete airfield assessment at Daedalus

Independent compatibility study announced by National Grid IFA2 Ltd for proposed project at Daedalus site

**28 Jul 2016**

- Leading consultants Arcadis appointed to help ensure IFA2 energy project can coexist with airport operations at the Daedalus site
- Assessment commissioned by National Grid IFA2 Ltd in conjunction with land owner Fareham Borough Council
- Assessment will be carried out between July and September 2016

Expert consultants have been hired to help ensure that proposed cross channel energy link IFA2 can operate alongside the Solent Airport at Daedalus.

National Grid IFA2 Ltd, in conjunction with land owner Fareham Borough Council have appointed leading consultants Arcadis to carry out an independent assessment looking at how the IFA2 electricity interconnector would operate alongside the Solent Airport at the Daedalus site in Lee-on-the-Solent, Hampshire.

National Grid IFA2 Ltd is proposing to lease land at Daedalus for the British part of its proposed IFA2 project, which would help boost access to safe, reliable, affordable energy supplies by providing a new energy link with France.

Arcadis have been commissioned to carry out the assessment to ensure that the interconnector will be able to coexist with site owner Fareham Borough Council's Vision for Daedalus and won't adversely affect operations at the airport.

Arcadis will start work on their assessment this month with the report due to be completed in September 2016.

Morris Bray, from National Grid IFA2, who helped commission the assessment, said: "This independent assessment should help provide reassurance that our proposals won't affect Fareham Borough Council's Vision for Daedalus including its continued use as an operational airport."

Stef Scannali, Arcadis Head of Safety Risk Management, said: "We're delighted to be supporting National Grid IFA2 Ltd and Fareham Borough Council on this vital project.

"We will be working to assure the safe development of the new IFA 2 interconnector whilst also allowing Solent Airport at Daedalus to remain safe and fully operational."

For more information, call the project team on 0800 0194 576 or email [info@ifa2interconnector.com](mailto:info@ifa2interconnector.com) . or visit the website – [www.ifa2interconnector.com](http://www.ifa2interconnector.com)

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#### Notes for editors

##### About IFA2

IFA2 is a proposed high voltage direct current (HVDC) electrical interconnector linking the British and French transmission systems that will be capable of exporting or importing 1000MW of power between the two countries. It will be the second link to France following the commissioning of IFA in 1986. The project is being jointly developed by National Grid and Reseau de Transport d'Electricite (RTE), the French network owner and operator.

National Grid IFA2 Ltd is the holder of an interconnector licence and is the company that National Grid Interconnectors Limited has formed to develop and bring forward the IFA2 project. We are legally separate from other companies within National Grid. This is enforced by the energy regulator Ofgem. On 9, May 2016, National Grid IFA2 Limited submitted an application for planning permission to the local planning authority, Fareham Borough Council.

National Grid IFA2 Ltd is a separate legal entity to National Grid Electricity Transmission plc (NGET). NGET is a separate company responsible for the works to connect the interconnector project to the existing national grid; by law the grid connection works must be kept separate from the interconnector and one company cannot develop both.

For the purposes of connecting to the existing electricity network, National Grid IFA2 Ltd is a customer of NGET and National Grid IFA2 Ltd can only connect in accordance with a connection offer made by NGET. National Grid IFA2 Ltd does not get preferential treatment.

Reseau de Transport d'Electricite (RTE) is the French network owner and operator and RTE will be National Grid IFA2 Ltd's partner on this project. RTE will have responsibility for the French elements of the project.

What is an interconnector?

IFA2 will be an electricity interconnector. This is a connection between the electricity transmission systems of different countries.

An interconnector allows countries to exchange power, helping to ensure safe, secure and affordable energy supplies. It is made up of two converter stations – one in each country – connected by cables. Converter stations convert electricity between Alternating Current (AC) and Direct Current (DC). AC is used on land, to power our homes, businesses and services, while DC is used for sending electricity along the high voltage subsea cables.

Great Britain's electricity transmission system also operates independently from continental Europe and the interconnector will use the converter stations along with substations to enable the different transmission systems to connect.

A substation is a point of connection to the national electricity network. National Grid Electricity Transmission plc is a separate company, with responsibility for connecting electricity generators and interconnectors to the existing national electricity network.

To meet rising energy demands, National Grid is increasingly looking to join the UK's electricity transmission system to other countries' electricity networks via interconnectors. Links with France, known as IFA (Interconnexion France Angleterre), and the Netherlands, known as BritNed, are in operation. In addition, links with Belgium, known as Nemo Link, and with Norway, known as North Sea Link, are under construction. A link with Denmark, called Viking Link, is in development.

About Arcadis

Arcadis is the leading global Design & Consultancy firm for natural and built assets. Applying deep market sector insights and collective design, consultancy, engineering, project and management services it works in partnership with its clients to deliver exceptional and sustainable outcomes throughout the lifecycle of their natural and built assets. They have 27,000 people active in over 70 countries that generate €3.4 billion in revenues. They support UN-Habitat with knowledge and expertise to improve the quality of life in rapidly growing cities around the world.

The work being undertaken by Arcadis on IFA2 includes:

- An assessment of aerodrome safeguarding to ensure that the interconnector proposals are compliant with Civil Aviation Authority (CAA) regulations, in accordance with CAP 738: Safeguarding of Aerodromes (<http://publicapps.caa.co.uk/docs/33/CAP738Issue02.pdf>)
- An assessment of the electromagnetic compatibility of the proposed interconnector with the airport, aircraft and associated aviation equipment.
- A hazard identification and risk assessment to demonstrate that the interconnector proposals meet the necessary safety requirements in accordance with Civil Aviation Authority CAP 760: "Guidance on the Conduct of Hazard Identification, Risk Assessment and the Production of Safety Cases: For Aerodrome Operators and Air Traffic Service Providers" (<http://publicapps.caa.co.uk/docs/33/CAP760.pdf>)

For more information from Arcadis please contact:

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About Fareham Borough Council (land owner Daedalus Airfield)

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### Notes to Editors:

National Grid is pivotal to the energy systems in the UK and the north eastern United States. We aim to serve customers well and efficiently, supporting the communities in which we operate and making possible the energy systems of the future.

#### National Grid in the UK:

- We own and operate the electricity transmission network in England and Wales, with day-to-day responsibility for balancing supply and demand. We also operate, but do not own, the Scottish networks. Our networks comprise approximately 7,200 kilometres (4,474 miles) of overhead line, 1,500 kilometres (932 miles) of underground cable and 342 substations.
- We own and operate the gas National Transmission System in Great Britain, with day-to-day responsibility for balancing supply and demand. Our network comprises approximately 7,660 kilometres (4,760 miles) of high-pressure pipe and 618 above-ground installations.
- As Great Britain's System Operator (SO) we make sure gas and electricity is transported safely and efficiently from where it is produced to where it is consumed. From April 2019, Electricity System Operator (ESO) is a new standalone business within National Grid, legally separate from all other parts of the National Grid Group. This will provide the right environment to deliver a balanced and impartial ESO that can realise real benefits for consumers as we transition to a more decentralised, decarbonised electricity system.
- Other UK activities mainly relate to businesses operating in competitive markets outside of our core regulated businesses; including interconnectors, gas metering activities and a liquefied natural gas (LNG) importation terminal – all of which are now part of National Grid Ventures. National Grid Property is responsible for the management, clean-up and disposal of surplus sites in the UK. Most of these are former gas works.

Find out more about the energy challenge and how National Grid is helping find solutions to some of the challenges we face at <https://www.nationalgrid.com/group/news>

National Grid undertakes no obligation to update any of the information contained in this release, which speaks only as at the date of this release, unless required by law or regulation.

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