

LONDON WEST
INNOVATION
DISTRICT

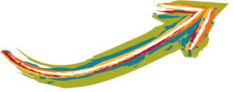
Catalysing a silicon valley for aviation and logistics

January 2021



Overview

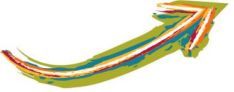
- Journey to date
- Ambition
- Objectives – what's different?
- Emerging opportunity areas
- Learning from other places
- Next steps



Journey to date

- Innovation for Sustainable Airports, SIA, Brunel for BEIS, Summer 2018
- Sub-regional innovation district idea seeded in the WLA's Build & Recover Plan; but we already have a local district at White City and investment in pipeline for a Slough Innovation Space, for example
- Soft launched concept at Blue Skies Conference, Nov 2020 – over 250 participants and supports including Dnata, SAP, Heathrow, govt and academia
 - Delivered and supported on a cross party basis including the Aviation minister and Kwasi Kwarteng MP; keynotes from OECD and Singapore High Commissioner
- Local steering and advisory groups – currently co-chaired by Seema Malhotra MP Feltham & Heston and Andrew Dakers, CEO, WLB
- CRL accelerator, Hayes – UK's leading accelerator for hardware based start-ups – has agreed to be home of innovation district hub, with many spokes

Ambition

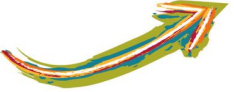


LONDON WEST
INNOVATION
DISTRICT

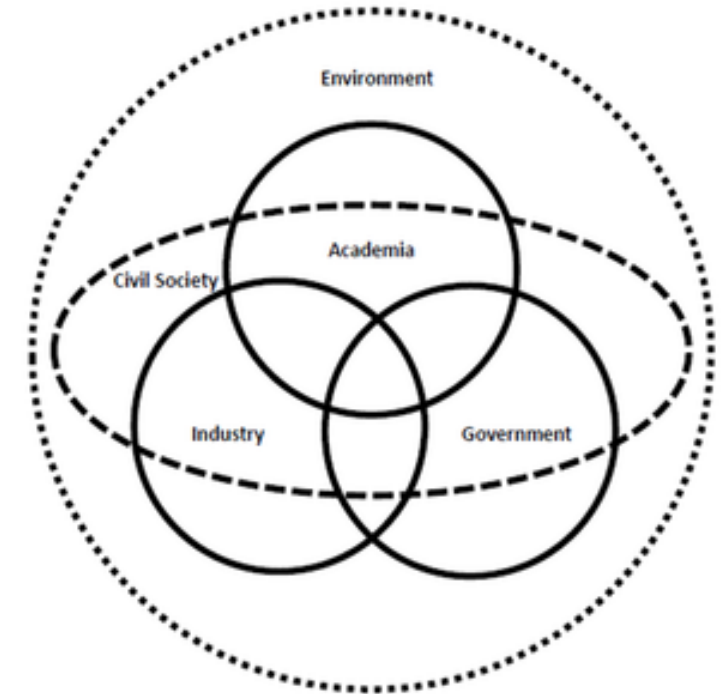
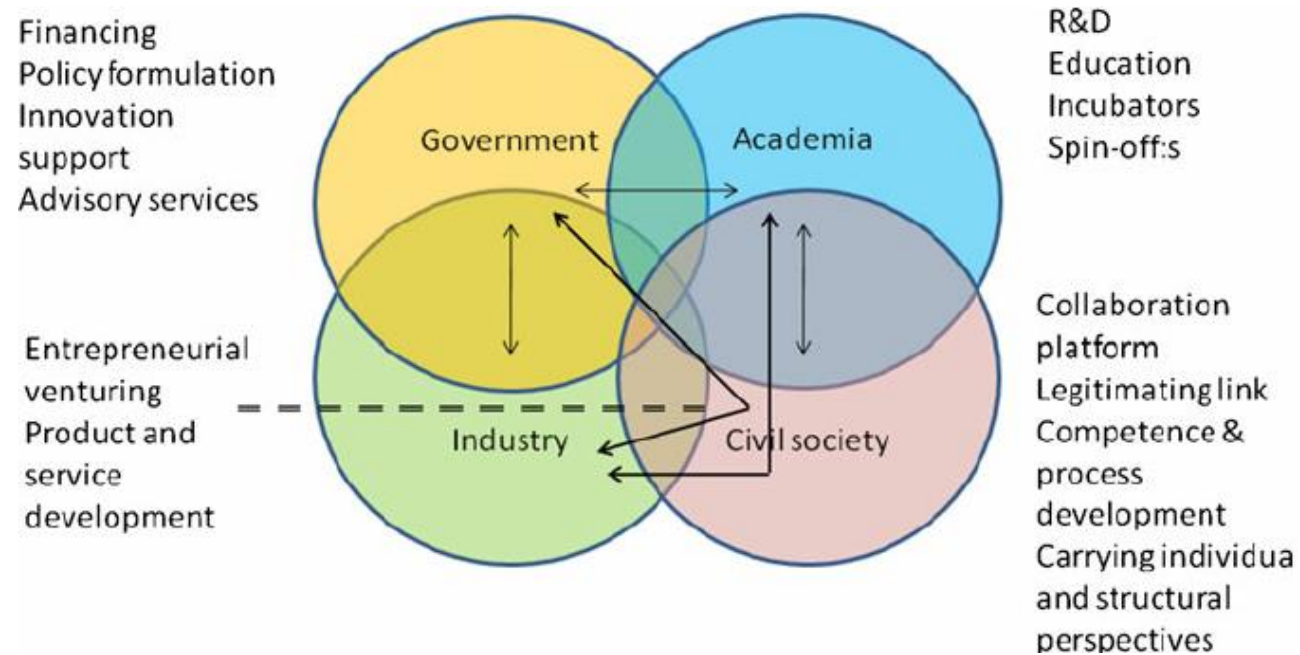
“A new platform through which players can come together to collaborate and innovate for the future and secure larger scale opportunities for new investment, growth and jobs. As an aviation and logistics based innovation district, it is the first of its kind.

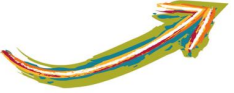
“Over time, the new innovation district will become the Silicon Valley of aviation, networking people and places across the UK and internationally, nurturing new skills, new products and reshaping services.

“Collaborations will support innovations in materials, manufacturing, as well as hardware and software technologies, including AI, for national and global markets; driving growth through supply chains.”



It will pursue a quadruple or quintuple innovation helix approach...

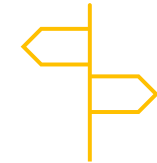
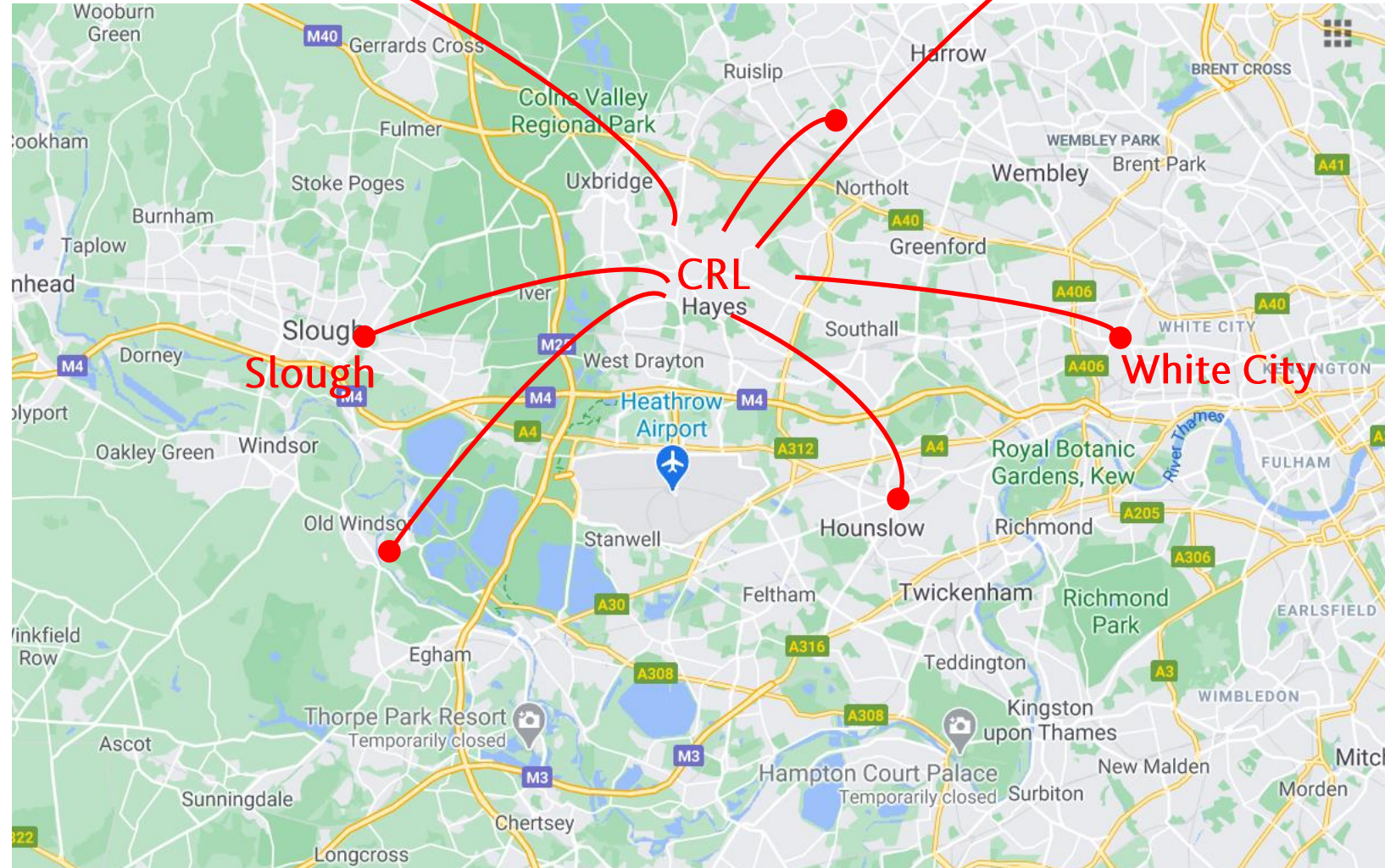




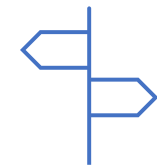
LONDON WEST
INNOVATION
DISTRICT

National

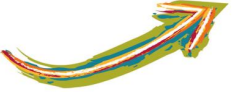
International



Associate
Freeport at
Heathrow?



LWID can
signpost to
local non-
aviation/
logistics
innovation
clusters



What's different?

- A 'mega district' that will create an environment where innovators and entrepreneurs develop **and test new ideas in cross-sector partnerships** close to problems/ opportunities relating to the future of green, circular economy aviation and logistics.
- Members of the Innovation District will **create a vision of the future of the Heathrow ecosystem/ economic area** together with a roadmap for realising that vision.
- National and international connector
- Innovations will be piloted, developed and hopefully scaled, in one of the world's largest living laboratories.
- Strong links to education system (schools, colleges and HE) to help alignment to future emerging needs through visibility of innovation pipeline.



Emerging opportunity areas

- Data and open data
- Digital logistics and cargo
- Jet Zero
- AI and ways of working for greater productivity
- Improved passenger experience
- Low carbon food
- Cyber security

Learning from other places



LONDON WEST
INNOVATION
DISTRICT



Copenhagen Science City, Denmark



Oslo Science City, Norway

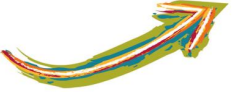


Porto Digital, Brazil



Tallinn Airport, Estonia

...and the UK Innovation Districts Group



Next steps

Three round tables in Feb '21 to review business plan will hone:

- Governance, including investor network and process design/ IP
- Initial opportunity areas
- Funding – project director/ coordinator first priority

Ongoing stakeholder engagement and input

Baseline research on innovation landscape: HE, patent filings, Innovate UK funding...