

LowCV Partnership Workshop, *Transport Systems Catapult*

4th March 2015

Richard Adlington, TDAP project lead

***“ Turning low carbon
propulsion technologies into
products developed in the UK ”***

PROGRESS TO DATE - MINISTERIAL LAUNCH



THE APC SHOWCASE – OPENING Q1 2015



New national facility being developed at the APC Hub to:

- Explain and promote low carbon propulsion technology
- Connect technology developers with relevant stakeholders to enable new opportunities
- Inform visitors about the role of low carbon propulsion in UK plc

APC Board



Gerhard Schmidt (Indep)



Geoffery Bicknell (Indep)



Simon Edmonds (Innovate UK)



Robert Evans (Cenex)



Prof Colin Garner (Lough)



Rupert Lewis (BIS)



Tony Pixton (APC)

**Legal, Financial &
Operational Governance**

Advisory Board

Chairman N Jackson

Automotive OEM's G Hoare
A Harper

Truck/Bus M Nodder

Off-Highway M Mohan

Tier 1's J Carter

SME's R Bruges

RTO's N Jackson

Department of Business, Skills & Innovation

(rep AIO / OLEV) A Roberts

Innovate UK T O'Brien

Academia D Greenwood

**Industry reflection,
feedback & advice**

APC Team



Anita Bowkett (PA / Office manager)



Garry Wilson (Bis Dev)



Jon Beasley (Comps & Projects)



Talib Ali (Bis Planning)



Ruth Dixon (Competitions)



Al Clarke (Comms)



Richard Adlington (TDAP)

**Engagement,
Development & Delivery**

PROGRESS TO DATE – COLLABORATIVE COMPETITIONS



APC1
Winners announced
April 2014



APC2
Winners announced
November 2014



APC3
Winners to be announced
March 2015

Competition Cadence: 2 APC competitions per year with £100m of funding available

PROGRESS TO DATE – MAKING A DIFFERENCE



2014 £180 million committed to six projects by industry consortia working with APC APRIL NOVEMBER	 	2015 Up to £100 million grant funding available through APC for competitions in 2015 ££££££££££
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Impact from investment committed in first six projects during 2014

5 million tonnes of CO₂ to be saved during the next 12 years
= removing the CO₂ emissions from 250,000 cars per year



2,500 jobs secured and created 

37 organisations involved in projects SMEs, Manufacturers, Suppliers and Universities

Projects need to show delivery of both Technical and Economic benefits

PROGRESS TO DATE – HUBS AND SPOKES



Propulsion Nation



- Building upon and leveraging the strengths of UK centres of excellence.
- Provide connectivity to national propulsion technology centres
- Centres for communities of technical interest to meet.
- Communities will include members of innovation and supply chains
- Initial spokes operational Q2-2015.

SME SUPPORT – TDAP PILOT

TECHNOLOGY DEVELOPER ACCELERATOR PROGRAMME



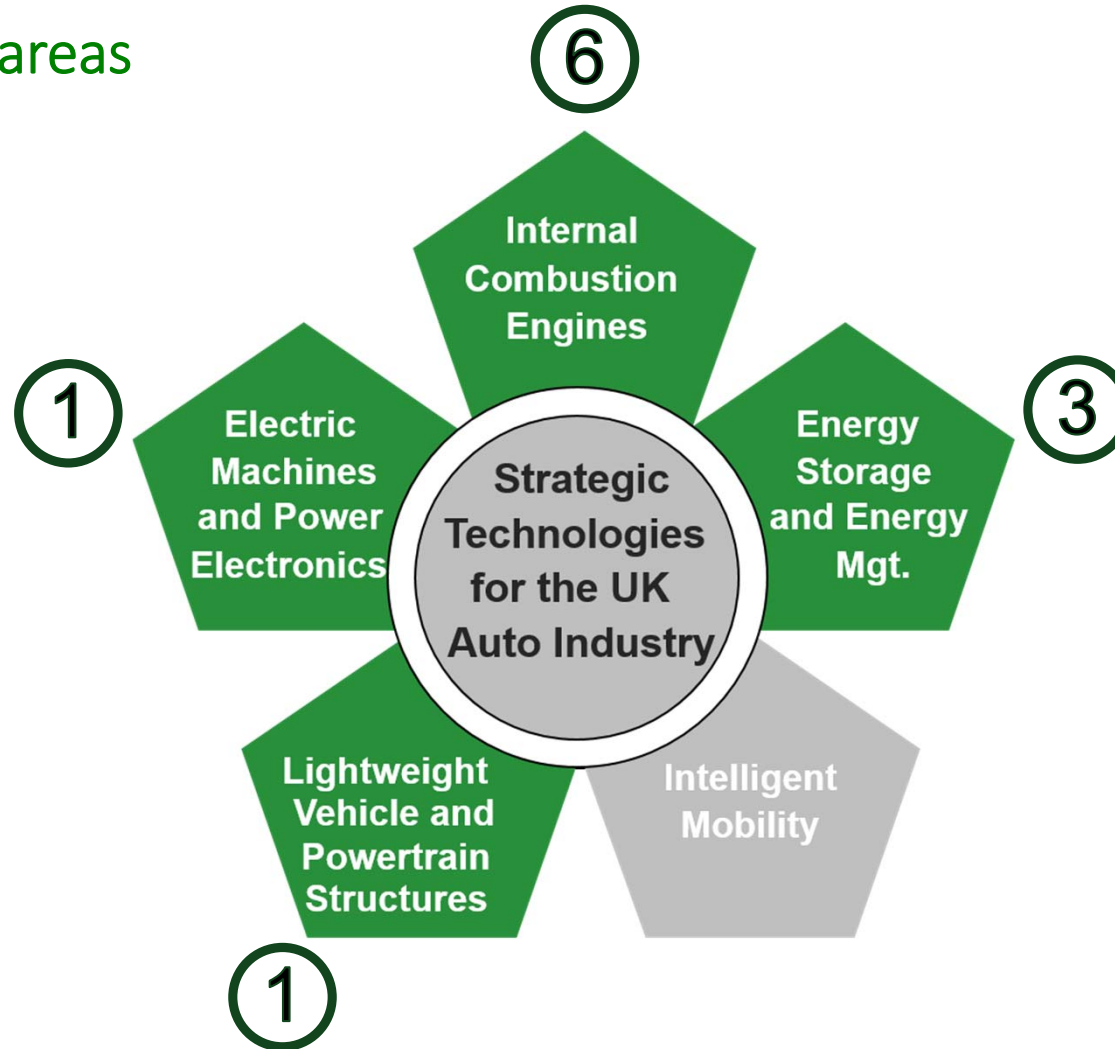
- Pilot programme aimed predominately at SMEs
- Focused on “early stage mentoring” of Technology Developers
- Grant funded programme
- Target = readiness for IDP / Customer / APC competitions
- 3 Stage Process
 - i. Concept definition
 - ii. Business Plan
 - iii. Characterisation
- Programme to run through 2015 with review Q4 to determine longer term viability

SME SUPPORT – TDAP PILOT

TECHNOLOGY DEVELOPER ACCELERATOR PROGRAMME

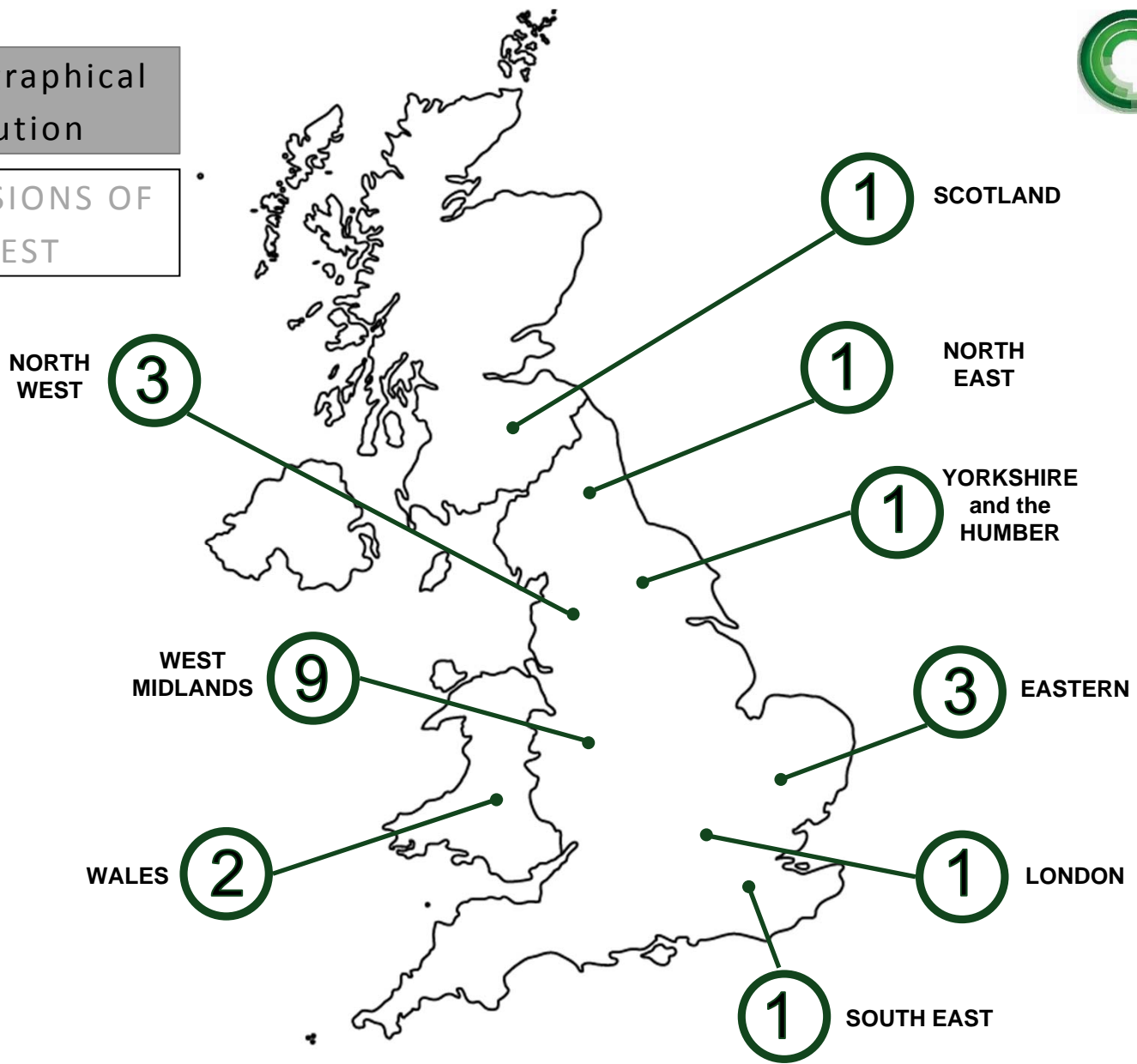


Technology areas



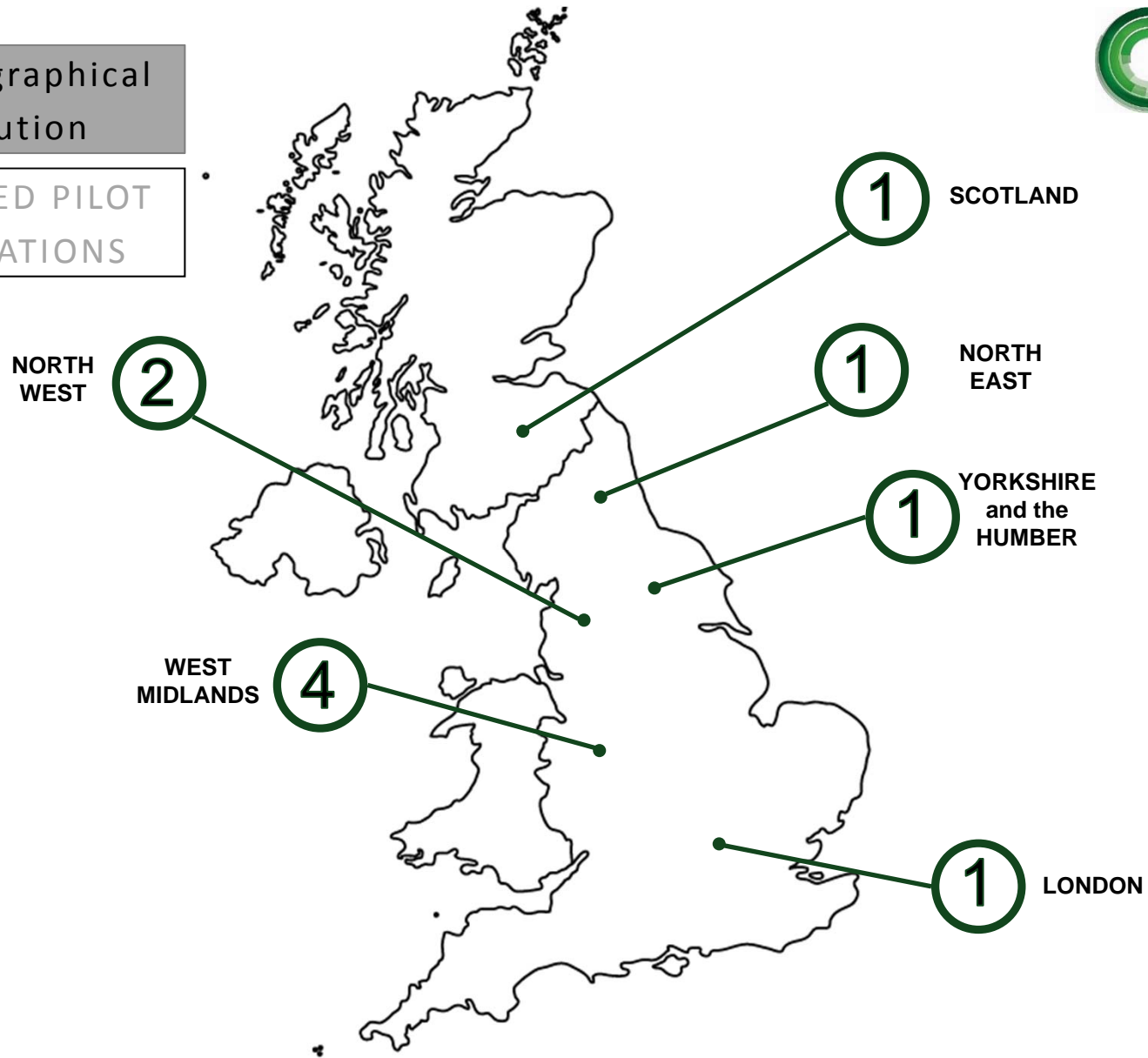
TDAP Geographical Distribution

22 EXPRESSIONS OF INTEREST




TDAP Geographical
Distribution

10 SELECTED PILOT
ORGANISATIONS





Positioning the UK as a global centre for low carbon powertrain development and production



PROTOTYPE COMMERCIAL PRODUCTION

Is the APC right for you? +



Helping you build partnerships +



FUNDING BUSINESS ACTIVITY

Resources and funding available +



Developed in the UK +

Latest News ... [View all](#)

03 OCTOBER 2014

In the media – Autocar meets the APC



Tony Pixton, Chief Executive of the Advanced Propulsion Centre recently met with Steve Cropley, [READ THE ARTICLE](#)

23 SEPTEMBER 2014

Shadow Industry Minister backs continuity for the Advanced Propulsion Centre UK at the Labour Party Conference

CONTACT DETAILS AND THANK YOU



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