IDRIC

25th November 2020 ECI Webinar

Towards Net Zero - decarbonising the industrial and energy sectors

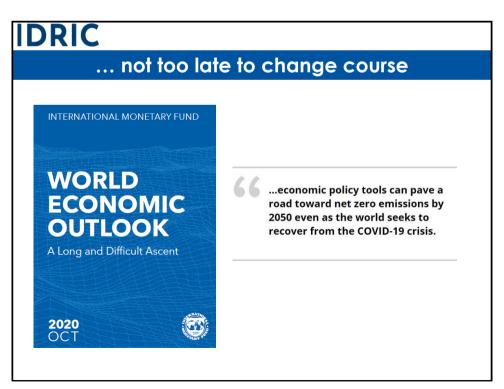
Industrial Decarbonisation Research & Innovation Centre IDRIC

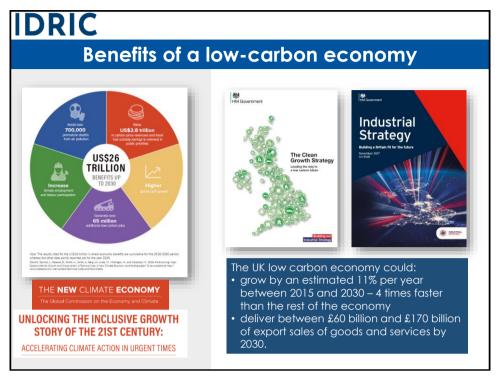
Prof Mercedes Maroto-Valer

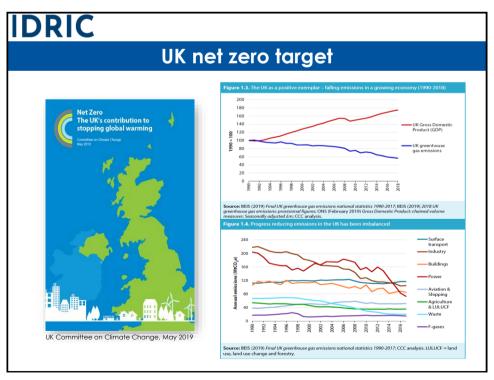


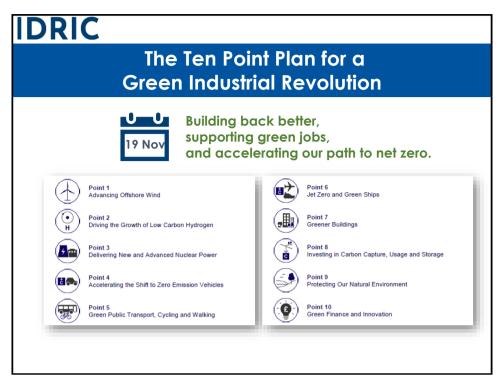


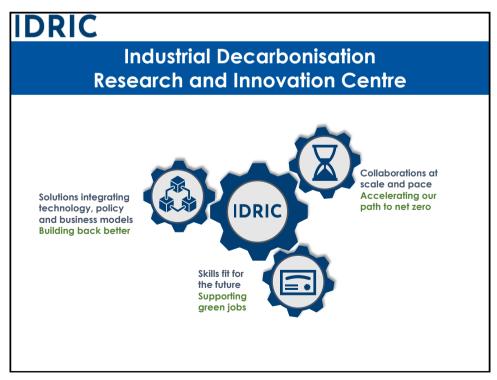
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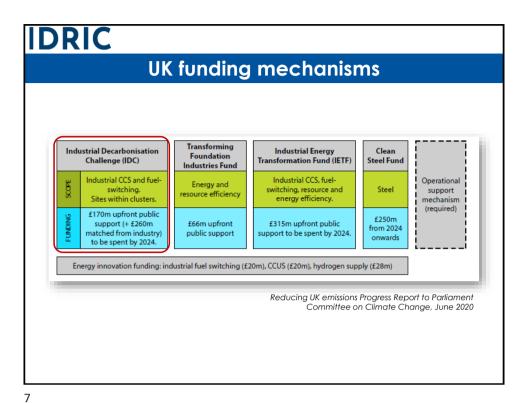










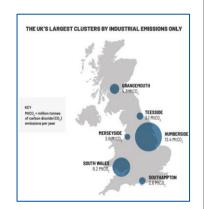


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Industrial Clusters Mission

Establish at least one low-carbon industrial cluster by 2030 and the world's first net-zero carbon industrial cluster by 2040

- Clusters of large industrial plants for energy-intensive industries.
- The largest six clusters, recently mapped by the Industrial Clusters Mission, have high emission plants totalling around 40 million tonnes of CO₂ per year.
- Manufacturing businesses in industrial clusters often share infrastructure and resources (both supply chains and workforce).
- Industrial Decarbonisation seeks to harness the scale of the industrial clusters to create opportunities to work together to find cost-effective solutions to decarbonisation.



 $\frac{https://www.ukri.org/innovation/industrial-strategy-challenge-fund/industrial-decarbonisation/\#pagecontentid-1$

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Industrial Clusters Mission

The Industrial Decarbonisation programme is funded by £170 million from the Industrial Strategy Challenge Fund which is expected to be matched by funding of up to £261 million from industry

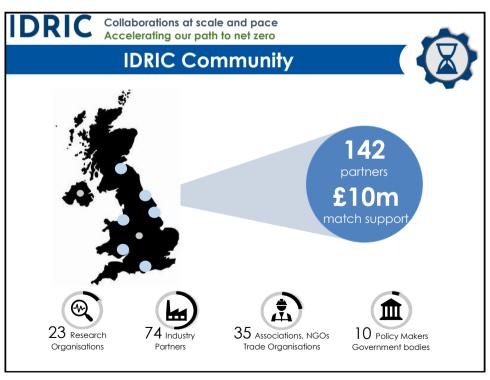
The ISCF challenge will be delivered through three different programme strands:

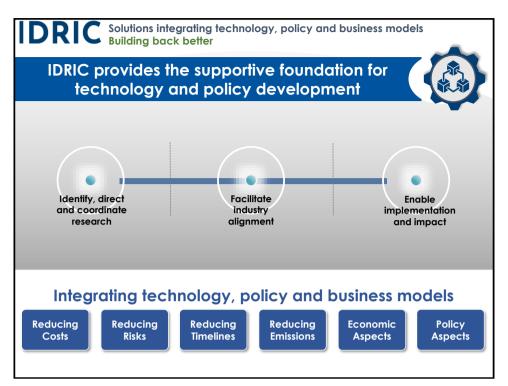
- Industrial Demonstrators and Shared Infrastructure (£132m, Innovate UK)
- Cluster Decarbonisation Roadmaps and Feasibility Studies (£8m, Innovate UK)
- Industrial Decarbonisation Research and Innovation Centre (£20m, EPSRC)

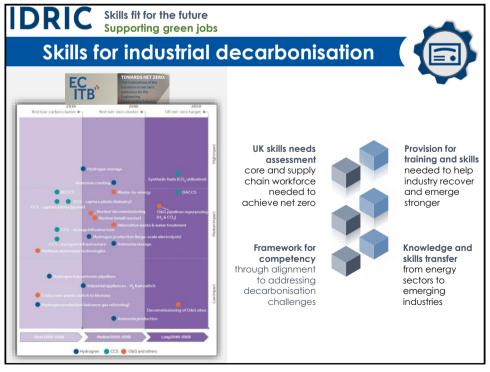


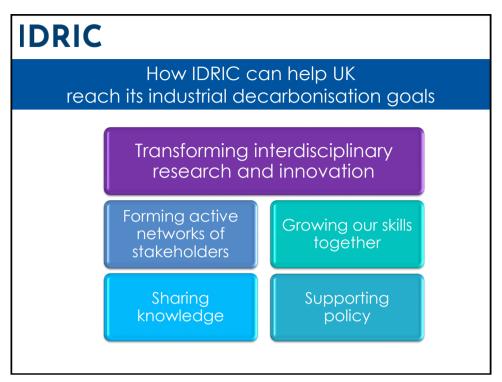
https://assets.publishing.service.gov.uk/government/uploads/system/uploads/ttachment data/file/803086/industrial-clusters-mission-infographic-2019.pdf

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IDRIC IDRIC Team Industrial Decarbonisation Champion To find out more about IDRIC, Professor Mercedes Maroto-Valer **Project Manager** please contact info@idric.org Rob Abbey or visit www.idric.org **Business Development Managers** Laura Finlay Alexandra McConnachie @IDRICUK Currently going through the final stages of assessment phase with UKRI, with full centre activities Linked in Industrial Decarbonisation anticipated to start later this year following approval.