

# HUMANISING ENERGY

“Mind the Gap” – closing the energy transition implementation gap

*All-Party Parliamentary Group for Energy Studies – 8 June 2021*

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# OUR ENDURING MISSION

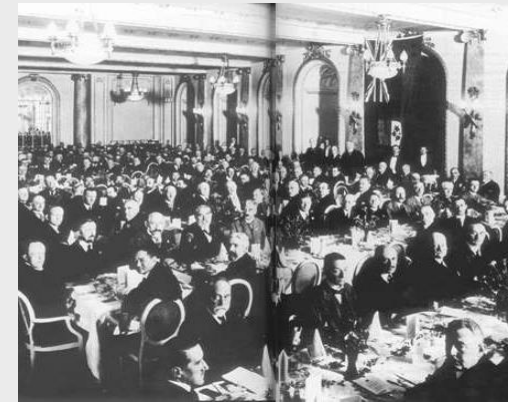
100 years of better energy for everyone and everything

- The first permanent **world energy** organisation
- **Open-to-all, impartial, neutral and vehemently independent**
- **3,000 member organisations in nearly 90 countries from across the entire energy industry**, connecting public, private, civic and academic spheres – the ‘whole’ system.
- **Inspire, inform and impact ‘how to’** - build and transform by engaging diversity in energy as a source of insight, innovation and learning.

*“A breath of common sense in a global age” – H G Wells 1924*



*Global influenza pandemic 1918*



*World Power Conference 1924*



*Great Depression 1929*

# COVID-19: A PIVOTAL MOMENT FOR ENERGY

A new context of affordability, social equity & climate / environmental justice

*Societal  
unevenness*

*Climate change  
momentum*

*Economic  
recession*

*COVID-19*



# RECOVERY IN AN ERA OF GLOBAL ENERGY TRANSITION

A new era of energy for people and planet



**2D GLOBAL DRIVERS:**

Diversification of supply  
Development of new technologies  
(incl. electrification)

**3D GLOBAL DRIVERS:**

Decarbonisation  
Decentralisation  
Digitalisation

**4D GLOBAL DRIVERS:**

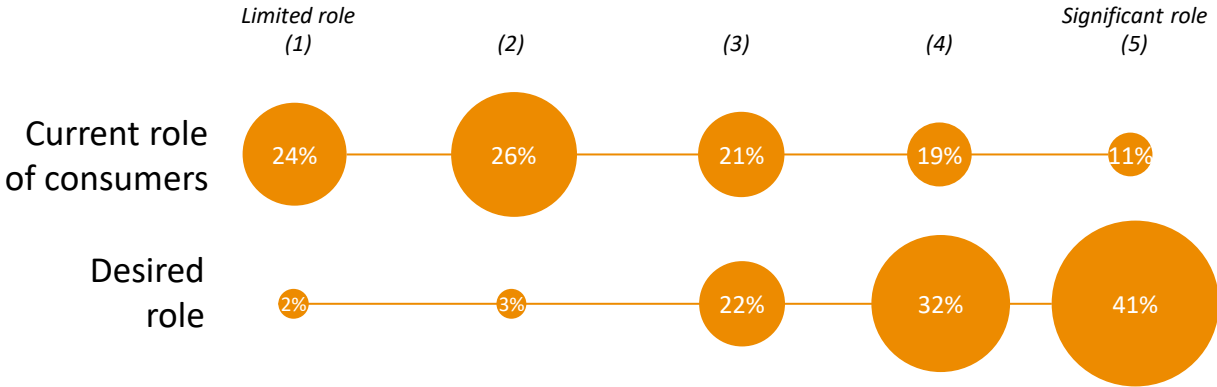
Decarbonisation  
Decentralisation  
Digitalisation  
Disruption-by-demand



# FOCUS ON 'S' (SOCIAL) IN ESG FRAMEWORK

## Addressing 'implementation' and 'activation' gaps

### Gap between current role of consumer in energy systems and desired role to drive energy transition



Source: Global Covid Survey (Mar 2021). Hydrogen Strategies (forthcoming), World Energy Council

### Views from world energy community experts

*“Involving the public as early as possible is an important part of the roadmap”.*

*“No one can do energy transition on their own”.*

*“I’m pessimistic, I believe only 3% or so of customers will get actively involved”.*

# A DECADE FOR DELIVERY

Involving more people in energy transitions

## HOW => WHO

*Citizens*

*Local communities*

*Women groups*

*Start up energy entrepreneurs*

*Youth*

*Responsible leaders*

*Social reformers*

*Mobility services*

*Energy aggregators*

*Demand driven solutions*



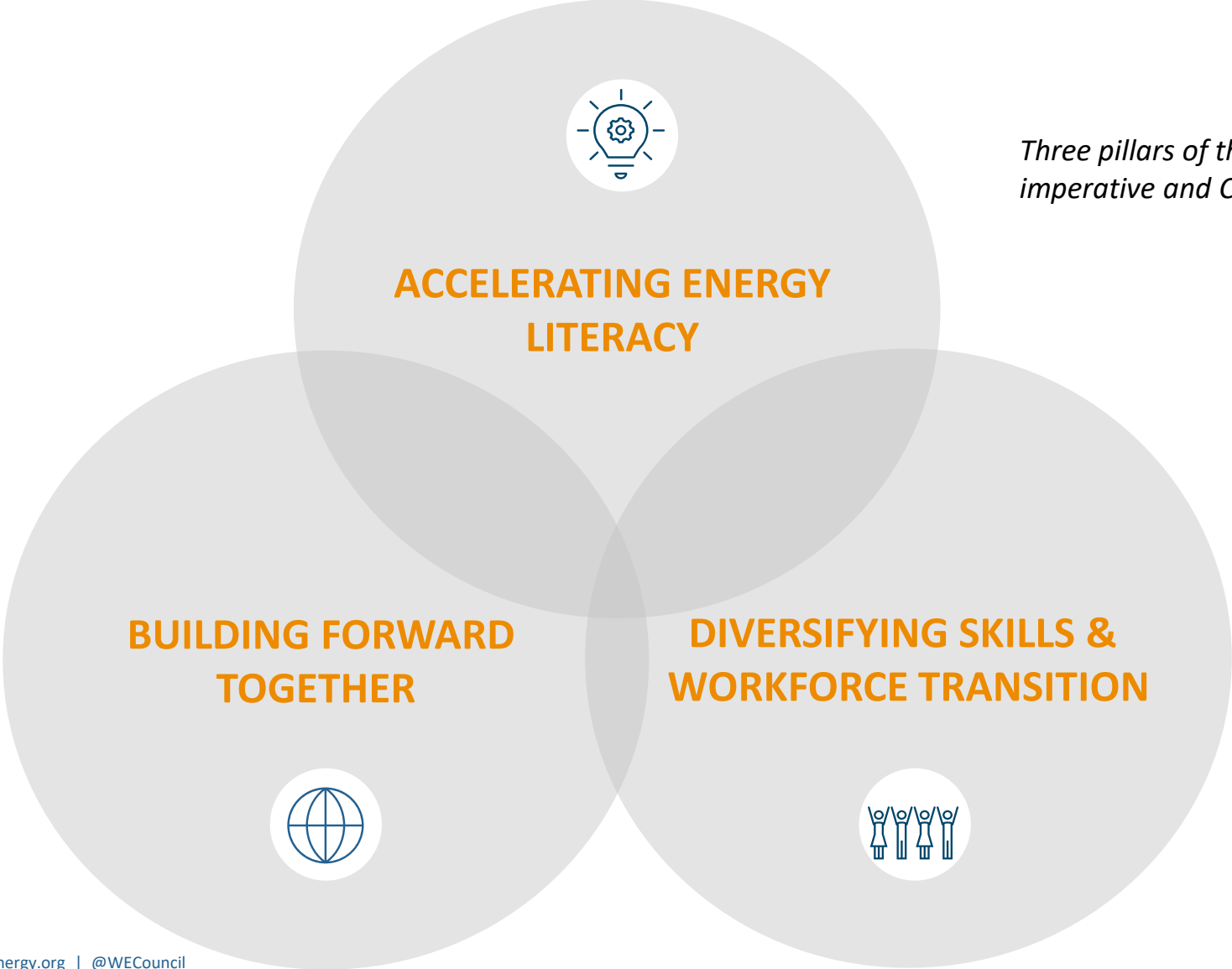
Climate neutrality by 2050 (UNFCCC)

Clean energy for all by 2030 (UNSDG 7)

Energy-food-water, biodiversity by 2050 (UNCBD)

# RAPID SCALE OF HUMAN SYSTEM CAPABILITIES

Engaging and equipping more people as ‘road-builders’ and better coordinate the ‘road-mappers’



*Three pillars of the Council’s Humanising Energy imperative and Century Campaign ambitions*

# DELIVERING A MORE INCLUSIVE PATHWAY TO NET ZERO IN THE UK

A new Council's initiative with a consortia of partners on a run up to COP-26

**Mobilising people and communities across the UK in designing pragmatic solutions “bottom-up” for a just energy transition**

- Exploring how the UK can reach its net zero target **in a clean and just way**
- Convening key players to best **inform, inspire and activate** people and communities across the UK
- **Linking to government COP roadmap** and initiatives
- Building a blueprint for energy transition focused on one location to enable the UK to **move into implementation mode post COP-26**





# 25<sup>TH</sup> WORLD ENERGY CONGRESS: 24-27 October 2022, St Petersburg

‘Energy for Humanity’ – people, planet, prosperity and peace



**Thank you!**