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Just Transitions Summit, New Plymouth, New Zealand Thursday 9th May 2019

> Ratcliffe on Soar 4 x 500MW coal Nottinghamshire, United Kingdom

1 Developing Opportunity from Transition

44.1.1.4.1









² Energy Systems: A View from 2035









Ratcliffe on Soar Strategic Options CIRCL-E for ENEL Prospering from the Energy Revolution





4 Ratcliffe Timeline









Wind Farm	Fuel Cells	Nuclear (i.e. SMR)	CCGT	MicroGrid	Solar Farm	Γ
CHP	Energy from Waste	Miltary	Energy Storage	Hydrogen Storage	3D Printing/ Moduler Construction	
Battery Manufacturing	Paper Manufacturing	Industrial Storage	Vehicle Manufacturing	Data Centre	Food Processing	
Aarospace	Chemical	Pharmaceutical	Parking & Charging (Hotel, Service Station)	Research Centre	University Campus	→ [
Retail Park	Resort & Leisure	Recycling	Housing	Sports Fadilities	Park & Gardens	BUIL
Prison	Agricultural	Conference Centre	Land banking	Train Maintenance	Warehouse 8 Logistics	BY B
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of energy production on site

Divestment Use not aligned

with Uniper's core business.

Commercial Residential

energy generation and storage solutions.

Supplementary to a proposal of

Strategical alignment -

a technology focused site.

6 Future Building Blocks



Power Generation



ARUP



⁸ CIRCL-E for ENEL Futur-e Project

ARUP





Integrated intelligently to please consumers



In scalable, replicable and investable models



Progress / first nine months:



ARUP



9 PFER – Prospering from the Energy Revolution – UK Industrial Strategy Challenge Fund