

## Dear colleague,

### How far, how fast?

The energy sector is full of talk of revolution, of fossil fuel dinosaurs being outcompeted by nimble, smart renewable operators supplying our electric vehicles, of new market models harnessing distributed energy resources and new digital technology.

The aim of this year's Renewable Futures is to explore this transformation.

We have brought together industry leaders, innovators, policy makers and regulators to ask how these disruptive innovations and new market models will move from niche to mass market and to explore the opportunities they present.

I hope you enjoy the day and leave feeling informed and inspired.

Merlin Hyman

Chief executive, Regen



## Renewable Futures: Strategies for Transforming Energy

Examine the disruptive innovations shaking up energy generation, supply and use and the successful strategies to create value in a rapidly changing market.

### 9.00 Registration, exhibition and networking

#### 9.40 Chair's introduction

Merlin Hyman, chief executive officer, Regen

#### 9.50 Energy transformation: how far, how fast?

The energy sector is full of talk of revolution, of fossil fuel dinosaurs being outcompeted by nimble, smart renewable operators supplying our electric vehicles. How fast will this transformation take place, who will be the winners and losers and what is the 'right' direction?

- ▶ Johnny Gowdy, director, Regen
- ▶ Laura Sandys, founder, Challenging Ideas

#### 11.00 Strategies for success in a transforming energy world: leaders forum

With value being created and destroyed at an unprecedented rate, what are the strategies that leading chief executives are using to succeed in a changing energy system.

- ▶ Matthew Clayton, managing director, Thrive Renewables
- ▶ Isabella Pacheco, vice president, BlackRock Infrastructure Investment Group
- ▶ Graham Harding, managing director and chief financial officer, British Solar Renewables
- ▶ Alice Tyler, co-founder and chief product officer, Open Utility

#### 12.00 Break and business networking

#### 12.30 Smart, distributed and disruptive?

At the heart of the transformation in energy are disruptive innovations, such as battery storage and electric vehicles, and new market models to harness distributed energy resources, such as peer to peer trading.

Yet these innovations are still a tiny part of the market. So what is the path from niche to mass market and what implications will 'smart' have for renewable energy?

- ▶ Peter Bance, chief executive officer, Origami
- ▶ Jo-Jo Hubbard, chief operating officer and co-founder, Electron
- ▶ Katherine Vinnicombe, investment manager, Foresight
- ▶ Steve Goldspink, director of strategy and business development, Siemens

#### 13.30 Lunch, networking and round tables

(See page 8 for community round tables starting at 13.45)

#### 14.45 Keynote Interview

- ▶ Francisco Carranza Sierra, managing director of energy services, Nissan

#### 15.15 Rethinking the energy system

Electricity, transport and heat have been largely treated as separate systems, but with the development of electric vehicles and challenges of decarbonising heat, this is no longer viable.

So how are our core energy systems changing to adapt to distributed energy and how can we link up the different components of our energy demand?

- ▶ Phil Sheppard, director of UK system operator, National Grid
- ▶ Geoff Randall, associate partner, RIIO Gas Networks, Ofgem
- ▶ Dan Sadler, programme director (H21) and head of hydrogen technologies, Northern Gas Networks

#### 16.30 Conference ends

#### 18.00 Drinks reception followed by the Green Energy Awards

