

Energy Innovation Board Summary Note

6th December 2018

Attendees

(Only Senior Civil Servants named)

Board members & alternates: **Patrick Vallance**, Government Chief Scientific Adviser and Chair; **Charlotte Watts**, DFID Chief Scientific Adviser; **Craig Lucas**, BEIS Director of Science and Innovation; **Martin Grant**, Atkins CEO; **Xavier Mamo**, EDF Energy R&D UK Center Director; **Iain Williams**, DEFRA Deputy Chief Scientific Advisor; **James Fleming**, UKRI-EPSC Head of Energy; **Akshay Kaul**, Ofgem Networks Director.

Observers: EIB Secretariat; HMT; **Mark Taylor**, BEIS Energy Innovation Deputy Director; GO-Science; Energy Systems Catapult; **Ron Loveland**, Welsh Government.

Agenda

The chair welcomed Xavier Mamo (Director of EDF Energy Research & Development UK) to his first meeting as an Independent member. The chair confirmed that Martin Grant's tenure as an Independent member has been extended until June 2019.

The chair also mentioned that the advert to appoint a further two Independent members was now live on the Energy Innovation Board webpage, and encouraged Members to bring it to the attention of credible candidates.

Clean Growth update

The Chair invited updates from the BEIS Clean Growth Team and other speakers. The Clean Growth team gave a summary of current emissions by sector and future areas of priority. Under a 1.5 degree scenario, "hard to treat" sectors would become even more of a priority. The forecast spend on energy & clean growth innovation against the Clean Growth Strategy was at an estimated £3 billion.

Board members commented that the current breakdown of spend did probably not reflect where investment should lie in the future. They also agreed that the Secretariat should proceed with the annual update to the International Energy Agency on UK Energy RDD spend and that resource should be considered to establish a working group on a more robust and simpler data collection and enhanced data visualisation process.

The Board noted the key trends of increasing investment by the automotive sector on energy Research, Development & Demonstration and increasing investment by the ICT sector on corporate venture activities in energy.

The Board noted the Energy Innovation Needs Assessment analysis being undertaken by the Energy Systems Catapult to inform Spending Review bids. Board members commented that spending Departments should be encouraged to consider what areas of energy innovation they would wish to focus on to avoid duplication and on the respective policy development needed to support the case for this spending. The Board agreed the Chair should send an update to Ministers on the activities from the Board.

AOB

On International Faraday opportunities, DfID gave an update on various potential international opportunities which other Government Departments may want to get involved in.

On the Strategic Priorities Fund, EPSRC gave an update on waves 1 and 2. NERC have had a successful bid in wave 2 accepted for Greenhouse Gas Removals.