



RESEARCH

COMMENTS ON 30 NOV COMMISSION PROPOSALS, SET PLAN CONFERENCE, BRATISLAVA PANEL IV, RENEWABLE ENERGY

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REACTION TO 30 NOV ENERGY PACKAGE – LEGISLATIVE PROPOSALS (1/2)

- **Priority access to the grid for renewables phased out**
 - Renewable electricity generators to be remunerated from the market: value of their electricity, not LCOE, is now relevant
 - Self-consumption becomes even more interesting, esp. with decreasing battery costs
 - Demand response solutions will rapidly emerge: expect much technological innovation here
 - Balancing mkt rules changed to allow RES in: a driver for change in RES technology
 - Demo projects *do* get priority access and no balance-responsibility. Good.
 - EC should be vigilant on capacity payments: not one cent more to fossil fuel plants than needed!



REACTION TO 30 NOV ENERGY PACKAGE – LEGISLATIVE PROPOSALS (2/2)

- **Advanced biofuels**
 - 2021: 0.5%; 2030: 3.6%: mandate is a small first step in re-building confidence in the market
- **Infrastructure for e-mobility**
 - Equip commercial buildings with charging points
- **Ecodesign**
 - Innovation driven by mandates
- **30% energy efficiency improvement target in EU**
 - Good, but need a deeper CO₂ target than -40%, or carbon price to low to drive technology change



REACTION TO 30 NOV ENERGY PACKAGE – “ACCELERATING CLEAN ENERGY INNOVATION”

- **2nd priority of H2020 2018-2020:**
 - Leadership in renewable energy technology
- **“energy-efficiency first”**
 - ...is a rule of thumb of little relevance to R&D policy
- **Mission Innovation (worldwide effort for more public R&D)**
 - The signatories should agree a firm baseline, and a target for 2025. Trump pulls US involvement? Then EU must lead.
- **Piloting ARPA-E style projects**
 - Don't underestimate the culture-change needed in EC



- **EUREC facilitating coordination among renewable-energy ETIPs**
 - Developing ideas jointly on what is needed from the SET Plan
 - Our sense is that a step-change needs the engagement of high-level decision makers
- **We think SET Plan Steering Group should set targets for its ‘Joint Actions’**
 - How many ERA-NET-COFUNDS? What funding, what scope? # countries involved?
- **Use ETIPs’ output in policy making**
 - Unfortunately, no ‘SET Plan scenario’ was modelled in Impact Assessment of RED II



- **Careful with ERA-NET-COFUNDS**
 - Yes, they are the main way of showing the added value of the SET Plan. But...
 - ...is there not a danger that, if successful, Member States will channel money to them, not FP9
 - ...even though the Framework Programme is inherently the better tool for transnational research?
- **Deal with oversubscription**
 - Targeted calls (Consult ETIPs for ideas for topics – no obligation on EC to take them!)
- **Evaluation quality**
 - Feedback to proposal evaluators via participants' portal, preserving anonymity



EUROPEAN INNOVATION COUNCIL EIC – PROVIDING A BOOST TO EUROPEAN INNOVATIONS

- **The successful ERC focuses on basic research; EIC should focus on applied research**
- **EIC should not only be a one-stop shop for EU innovation support policy, but also create a new instrument to support Europe's best application-oriented research.**
- **Prime selection criterion for an EIC grant should be the *likelihood of success in the market***
- **EIC projects should attract the interest of investors by de-risking their financial engagement**
- **This vision for the EIC will improve transfer of innovation to the market**