



scottish
renewables

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SCOTTISH GOVERNMENT TARGETS

Equivalent of 100% **power** consumed

+ 11% of all **heat**

+ 10% **transport** fuel

= 30% of **all energy** by 2020

100% TARGET FOR RENEWABLE POWER

Energy or Economic and/or Environmental Target?

- Scotland to contribute ~ 30% of UK renewable power
- Key to securing wider economic benefit of:
 - 21,000 jobs; > £1bn invested annually
 - 12m tonnes CO₂ displaced = entire transport sector

PROGRESS

| | 2015 | 2020 Target | 2020 Forecast | Target Met? |
|------|------|----------------|------------------|----------------|
| Heat | 3.8% | 11% | ?? | ?? |

RENEWABLE POWER BEYOND 2020

UK needs around 33GW to meet 2020 targets

Committee on Climate Change estimates
66GW to 93GW to hit 2030 carbon budgets

- Framework?
- Budget?
- Costs and Benefits of all Options?

CONCLUSION

Debate on targets gets ever more important
and ever more challenging....