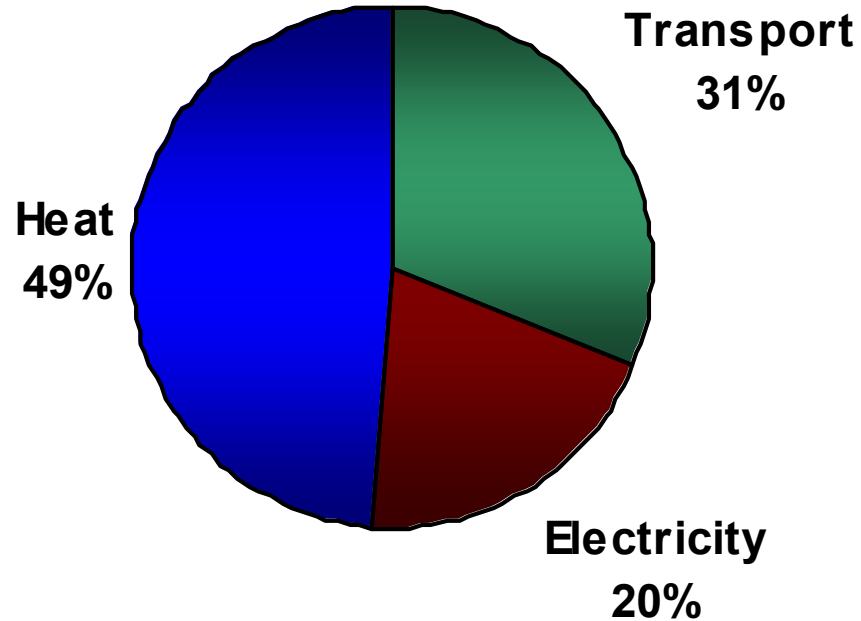


What policy is needed to stimulate the biomass heat market in Scotland?

EU energy consumption (25 member states)



UK : Heat is 40% of total energy

Arguments for RES Heat Policy

- Security of energy supply
- Climate Change mitigation
- Fuel poverty
- Economic growth

EU Policy

EC White Paper (1997) & EC Green Paper (2000)

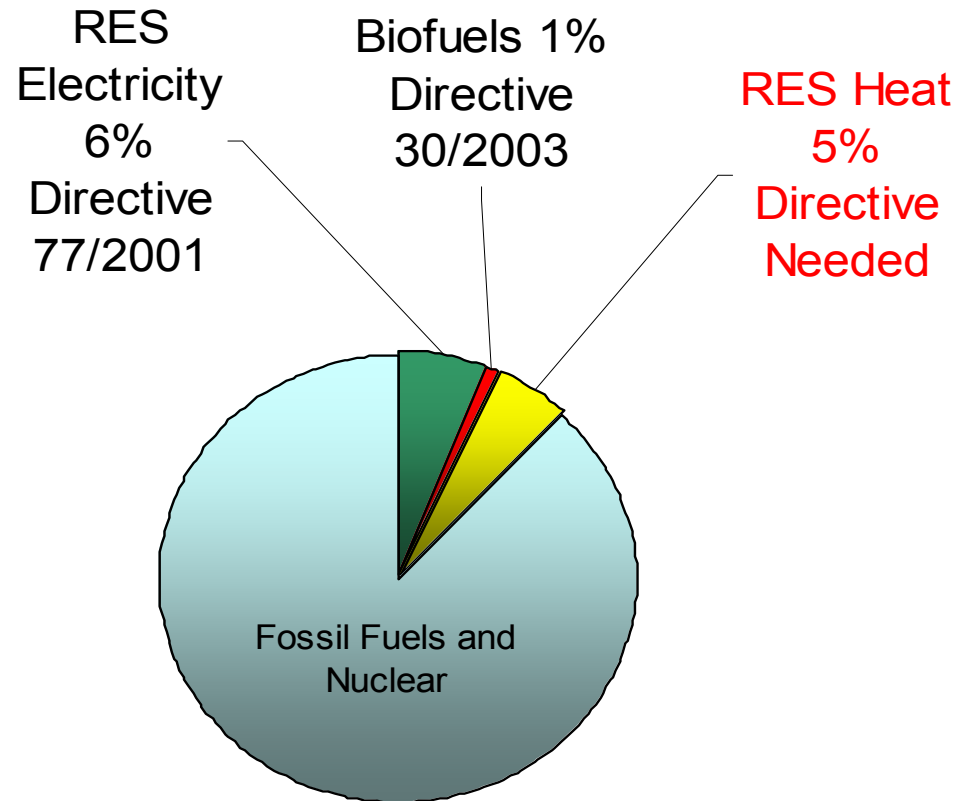
- Double the RES share of EU energy consumption from 5.4% in 1995 to 12% in 2010

Sectors:

Electricity

Transport

Heat



EREC (European Renewable Energy Council) campaign for a EU RES-H directive

- Joint Declaration for a EU directive to promote renewable heating & cooling
- Supported by >40 orgs
- From 19 EU countries

EREC (European Renewable Energy Council) campaign for a EU RES-H directive

- **Purpose: promote renewable heating & cooling**
- **EU target: 25% of heat & cooling from RES by 2020**
- **Calls for national binding targets and support mechanisms**
- **Removal of administrative barriers**

Achieving target

- Fulfillment of the 12% target for 2010 will require a step change in national policies towards the use of renewable energy in heating
- Under current trends only 18-19% of target will be achieved

EU Biomass Action Plan (BAP)

- Aims to propose specific actions that would facilitate achieving these 2010 targets
- Public Consultation until March 2005
 - Promote RES heat via binding EU Directive taking into account biomass availability and capacity
 - Awareness and training
 - Increase R&D funding
 - Harmonize policy

UK Policy-Climate

- UK Kyoto Protocol commitment 12.5% below 1990 levels by 2008-2012
- UK national goal of 20% below 1990 levels by 2010, 60% by 2050

UK policy-renewable electricity

- UK renewables obligation (2002)
- 10.4% renewable electricity by 2010
- Scotland 18% by 2010 (parallel policy in place)

- (ROCs, tradable certificates)

**The EU directive on RES Electricity was extremely influential to the development of this policy

UK Policy-Transport Fuels

- Renewable Transport Fuel Obligation (2005)
- 5% biofuel by 2010

(RTFOC-tradable certificates)

**The RTFO was a direct result of the EU Biofuels Directive

UK Policy-RES Heat

LACKING, But momentum and interest is building

- UK: Climate Change & Sustainable Energy Bill (Lazarowisc, MP) Includes Renewable Heat Obligation
- Scottish Exec showing interest
- Various funding schemes (SCHRI, CEP, etc)

UK Policy-RES heat

Many reports

Wood fuel for warmth, SDC, July 2005

Biomass Task Force, October 2005

FREDS report, January 2005

Future Energy Solutions, 2004

Etc...

ALL SUGGEST targets/obligation and/or increased grant schemes

Discussion

- Is there a need for policy on RES heat in Scotland?
- What are the options and needs for policy targeted at RES heat in Scotland?
- Is a Renewable Heat Obligation workable?
- Would an EU Directive on RES heat prompt or speed up progress?
- What is the perceived role of the EU and what does Scotland need from them in terms of policy for RES heat?
- What are the main barriers to development in Scotland?

Discussion

- Is a RHO workable?
- What are the options?

Discussion

Would an EU Directive on RES heat prompt or speed up progress?