MARKAL MODELLING INPUTS

• “Accelerated” UK-MARKAL (MED) inputs with regards to selected bioenergy pathways and technologies: capital costs, O&M costs, efficiencies etc.

• Use of standard UK-MARKAL (MED) other inputs: energy sources, technology characteristics, existing policies, etc.

• Definition of constraints (environmental, policies etc.) to be implemented for the running of scenarios

UK-MARKAL (MED)
UKERC ENERGY database
With “Accelerated” bioenergy datasets

MARKAL MODELLING OUTPUTS

• Levels of bioenergy penetration in the three main final consumption sectors (heat, power and transport fuels)

• Technology and fuel mix

• Sustainability issues (land-use change & availability, carbon emissions etc.)

• Other implications for the energy system