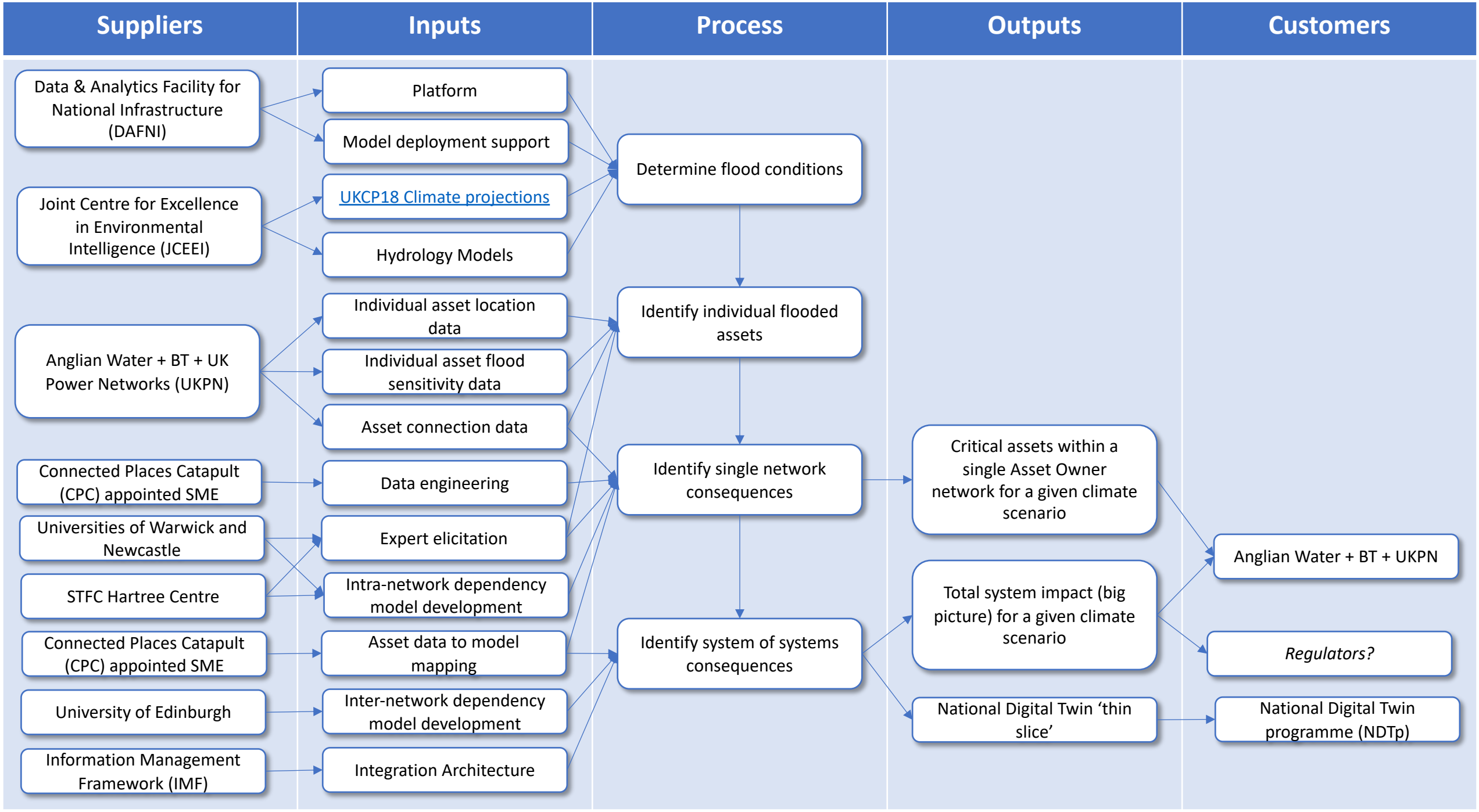
Suppliers
Inputs
Process
Outputs
Customers
Data & Analytics Facility for National Infrastructure (DAFNI)
Joint Centre for Excellence in Environmental Intelligence (JCEEI)
Anglian Water + BT + UK Power Networks (UKPN)
Connected Places Catapult (CPC) appointed SME
Universities of Warwick and Newcastle
STFC Hartree Centre
Connected Places Catapult (CPC) appointed SME
University of Edinburgh
Information Management Framework (IMF)
Platform
Model deployment support
UKCP18 Climate projections
Hydrology Models
Individual asset location data
Individual asset flood sensitivity data
Asset connection data
Data engineering
Expert elicitation
Intra-network dependency model development
Asset data to model mapping
Inter-network dependency model development
Integration Architecture
Determine flood conditions
Identify individual flooded assets
Identify single network consequences
Identify system of systems consequences
Critical assets within a single Asset Owner network for a given climate scenario
Total system impact (big picture) for a given climate scenario
National Digital Twin 'thin slice'
Anglian Water + BT + UKPN
Regulators?
National Digital Twin programme (NDTp)