

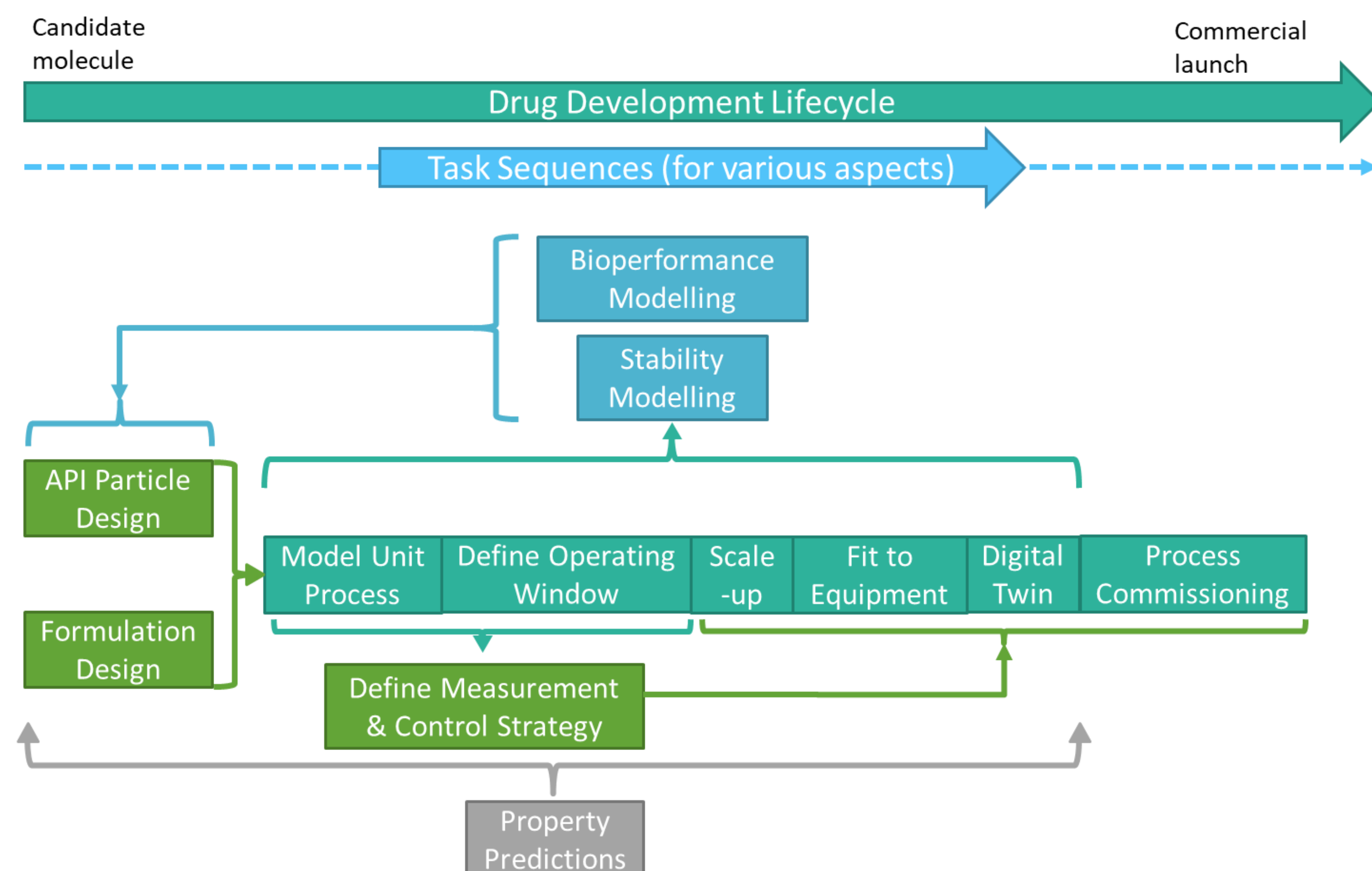
Why is an Information Flow Needed?

- Reduce development time and cost without compromising patient safety
 - Reduce risk
 - Implement measurement and control from a very early stage
 - Enable iterative design approach
 - Model manufacture
 - Model bioperformance
 - Optimise process via feedback loop
- Reduced/improved experimentation
 - Experimentation *in-silico*
 - Use experimentation to confirm models
 - Greater added value for experiments performed
 - Making innovation affordable

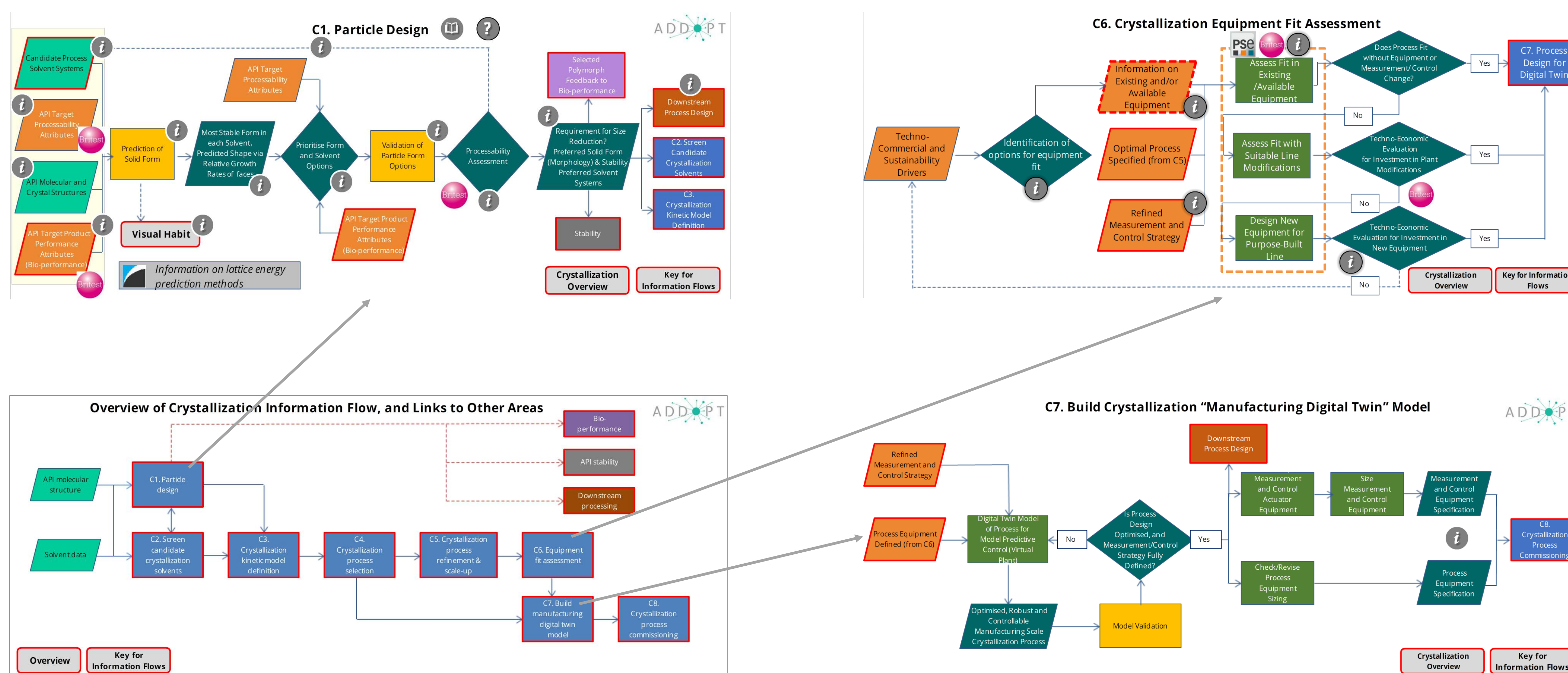
Implementation of a Digital Design Information Flow

Generic information flow is a guide...

- Should be tailored to needs of organisation
 - Different business processes
 - Different models used
 - Similar workflows applicable outside the pharma sector
- Facilitated process to develop a bespoke workflow to realise the advantages with minimal disruption at changeover
- Case study within ADDoPT as demonstration



The Information Flow employs E-Learning software to enable users to explore the digital design process and discover software and tools that can be used for the different steps



Finding out more

- The interactive Information Flow is located on the ADDoPT partners website at (<https://www.addopt.org/>)
- ADDoPT partners can log into the (private) members page to find a fully-functional version of the latest iteration of the Information Flow
- Contact John.Henderson@britest.co.uk to obtain a username and password

ADD^{PT} is a collaboration instigated by the Medicines Manufacturing Industry Partnership, and part funded under the Advanced Manufacturing Supply Chain Initiative, a BEIS initiative delivered by Finance Birmingham and Birmingham City Council.

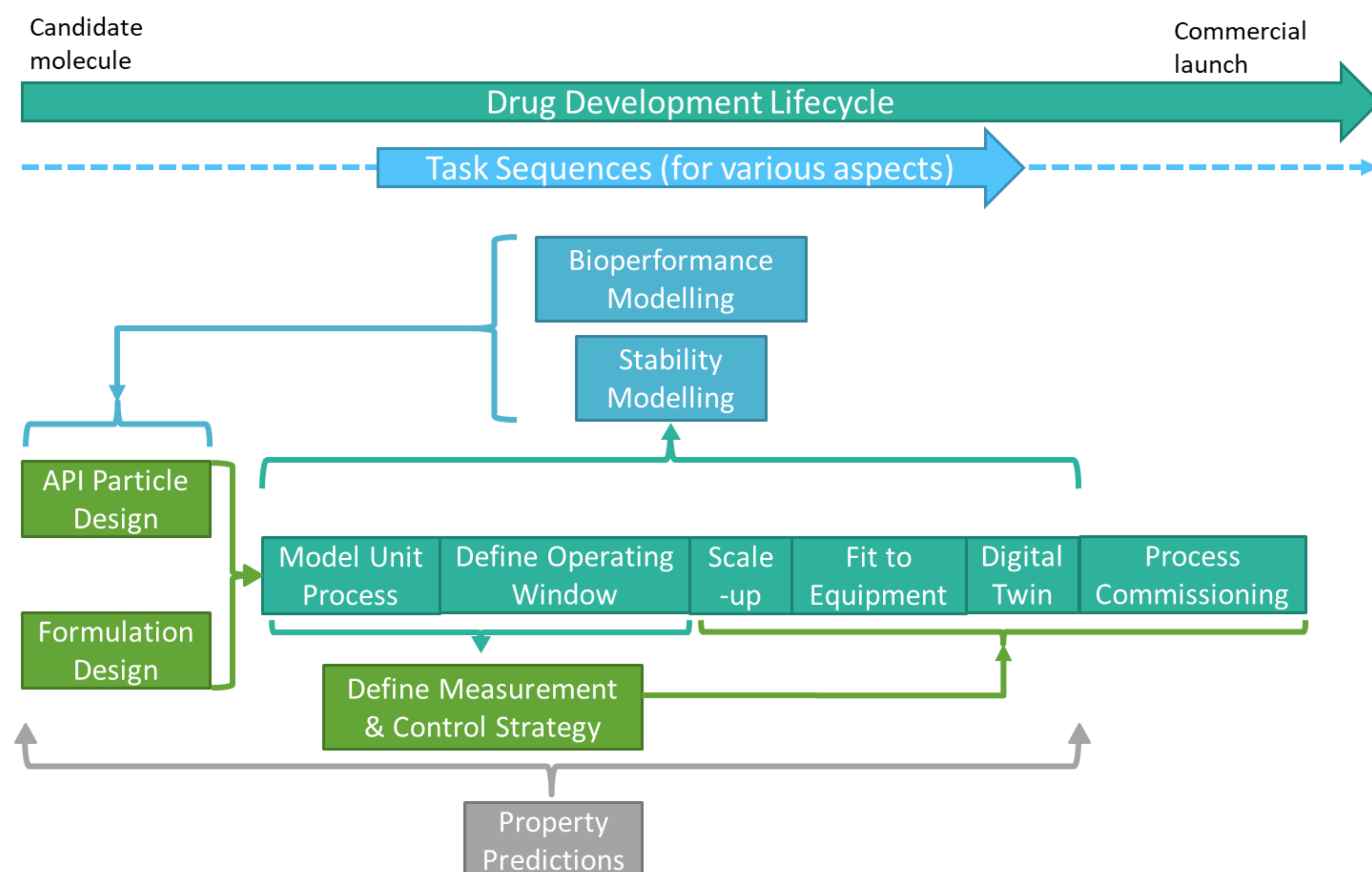
Why is an Information Flow Needed?

- Reduce development time and cost without compromising patient safety
 - Reduce risk
 - Implement measurement and control from a very early stage
 - Enable iterative design approach
 - Model manufacture
 - Model bioperformance
 - Optimise process via feedback loop
- Reduced/improved experimentation
 - Experimentation *in-silico*
 - Use experimentation to confirm models
 - Greater added value for experiments performed
 - Making innovation affordable

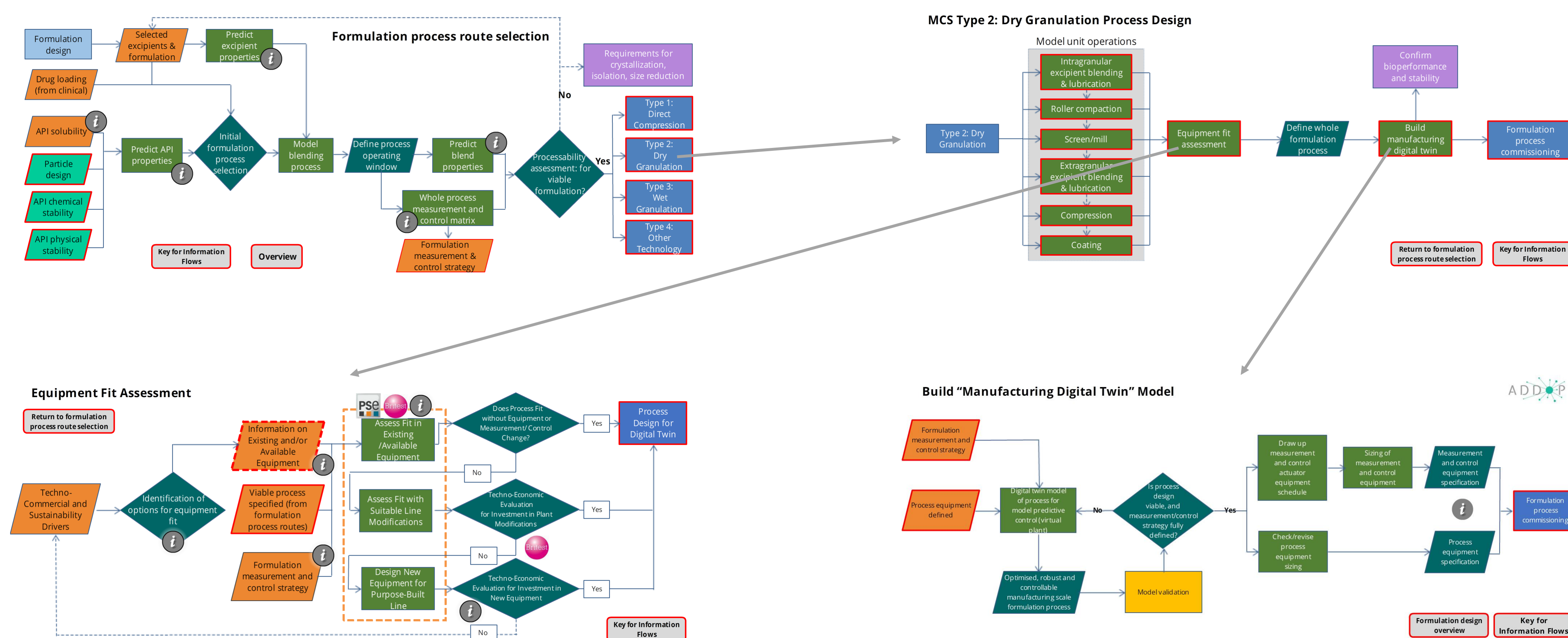
Implementation of a Digital Design Information Flow

Generic information flow is a guide...

- Should be tailored to needs of organisation
 - Different business processes
 - Different models used
 - Similar workflows applicable outside the pharma sector
- Facilitated process to develop a bespoke workflow to realise the advantages with minimal disruption at changeover
- Case study within ADDoPT as demonstration



The Information Flow employs E-Learning software to enable users to explore the digital design process and discover software and tools that can be used for the different steps



Finding out more

- The interactive Information Flow is located on the ADDoPT partners website at (<https://www.addopt.org/>)
- ADDoPT partners can log into the (private) members page to find a fully-functional version of the latest iteration of the Information Flow
- Contact John.Henderson@britest.co.uk to obtain a username and password

ADDoPT is a collaboration instigated by the Medicines Manufacturing Industry Partnership, and part funded under the Advanced Manufacturing Supply Chain Initiative, a BEIS initiative delivered by Finance Birmingham and Birmingham City Council.