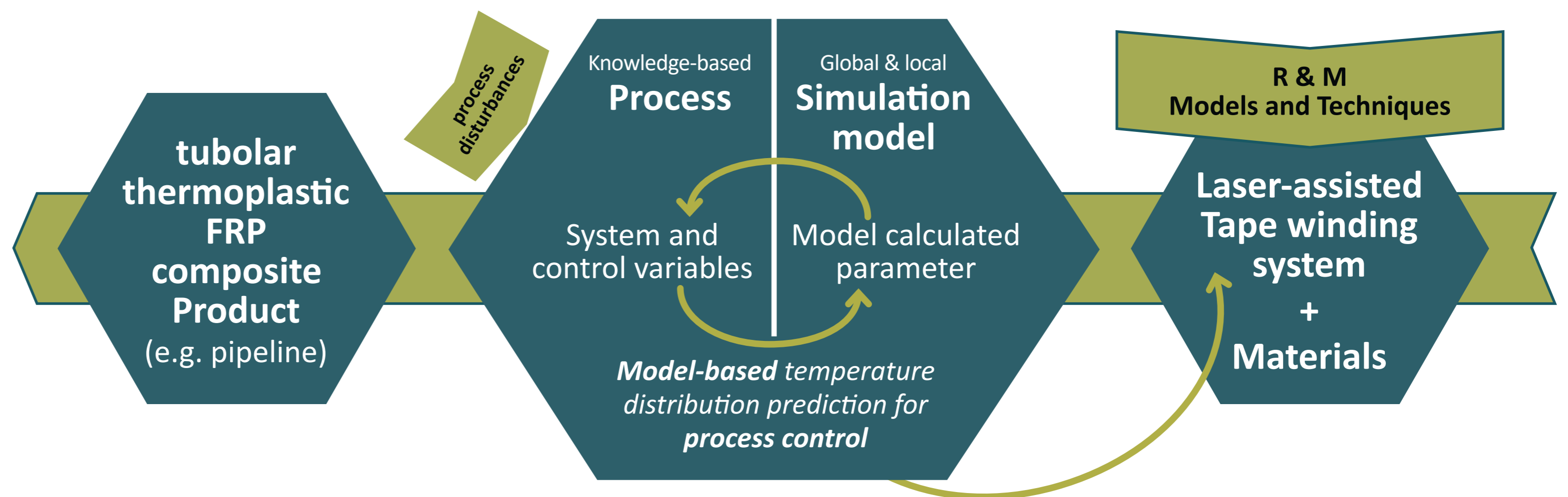


# ADAPTIVE MODEL-BASED CONTROL FOR LASER ASSISTED FIBRE REINFORCED TAPE WINDING

## PROJECT OVERVIEW

The first intelligent model-based controlled laser-assisted tape winding system for fibre-reinforced thermoplastic (FRP) components



## ADDED VALUE

- **Everything under control:** synchronization of laser and winding system
- **Real-time** quality monitoring and response
- **Flexible, cost-effective solution** which minimizes waste and pre-trials

## LCA SIMULATION FOR R&D ACTIVITIES

