

Next Generation Delivery – Industrialised Construction Terms of Reference

Workstream Objective
<ul style="list-style-type: none">To accelerate understanding and adoption of Industrialised Construction (IC) approaches.
Strategic Goals & Deliverables
<ul style="list-style-type: none">To develop and socialise a clear definition and language framework for Industrialised ConstructionTo support a shift in policy focus from MMC (the adoption of manufactured solutions within the existing engineer to order delivery model) towards Industrialisation (delivery model transformation)To produce practical resources for government, clients, and industry to aid the development and deployment of IC approaches
Benefits
Core Benefits of Industrialised Construction: <ul style="list-style-type: none">Productivity / Labour EfficiencyPredictabilityQualityWaste ReductionContinuous Improvement

Approach: Main Activities and Milestones
Definition, Language and Policy (Foundational) <p>Developing, testing and refining a clear definition of Industrialised Construction. Providing policy recommendations to drive a shift away from MMC.</p> Demand (TG1) <p>How might clients / government begin to create stable, aggregated demand for manufactured solutions? What does the Construction Playbook’s requirement for clients to ‘Harmonise, Digitise and Rationalise demand’ mean, and how should clients do it?</p> Design (TG2) <p>How do we drive greater levels of standardisation across manufactured solutions while allowing for flexibility, competition, and innovation? How do we make it easier for project teams to design for manufacture and assembly (DfMA)? Can we agree a suite of standard ‘system architectures’ for modular/prefabricated solutions?</p> Manufacturing (TG3) <p>Given recent market failures, how can we increase supply chain resilience and increase client/investor confidence? What are the common attributes of successful manufacturing businesses? Can we develop a common maturity assessment framework for offsite manufacturers?</p>

Governance & Key Resources
Workstream Governance: <ul style="list-style-type: none">Ron Lang – AtkinsRéalis (Chair)Kitty Ive - AtkinsRéalis (Programme Manager)Isabel Colman – TfL (Next Gen Sponsor) Key Interfaces <ul style="list-style-type: none">Government Construction Board (inc. MMC WG)NISTA (TIP Programme)Cabinet Office (Construction Playbook Team) Key Resources <ul style="list-style-type: none">Construction Playbook (Cabinet Office)Transforming Infrastructure Performance (NISTA)Product Platform Rulebook (CIH)The Value Of Platforms (CIH)
Critical Success factors
KPI's and Critical Success Factors <ul style="list-style-type: none">Government EngagementClient EngagementIndustry / SC Engagement