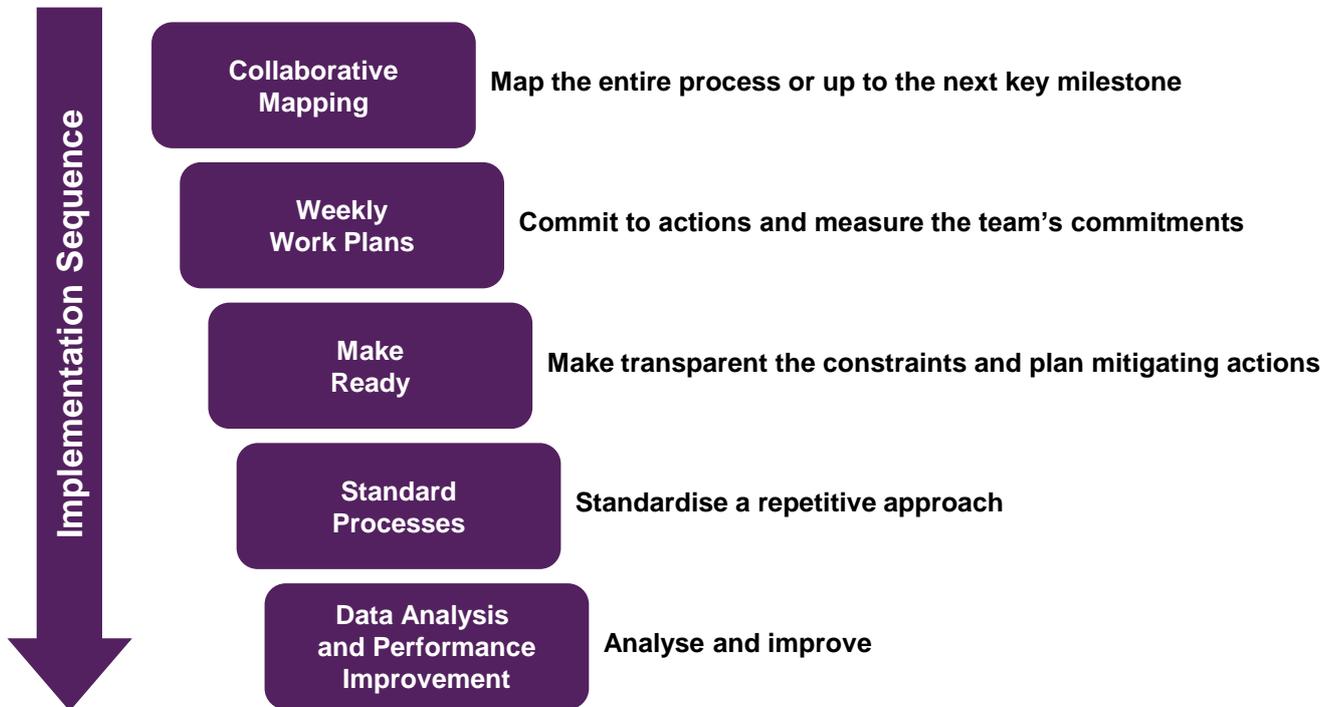




How the experts implement the Collaborative Planning System

The **Collaborative Planning System** in design (single projects):



Step 1: Collaboratively map the design process, or elements of it, so the team understands the target and the steps to deliver it.

Step 2: Get the team into the Plan-Do-Check-Act cycle and the use of **Weekly Work Plans**. Capture reliability (**PPC**) and reasons analysis measurements. Use **Weekly Work Plans** process to drive adherence to the agreed look ahead.

Step 3: Introduce the **Make Ready** process to ensure that the constraints to achieving the tasks are removed to allow reliable task commitment.

Step 4: Develop and implement standard processes for repetitive design processes

Step 5: At the appropriate point undertake **Data Analysis** using the generated data and metrics (**PPC** and **Reason for Non completion**) as a solid guide as to where to start process improvement efforts.

General: Make metrics transparent at earliest, sensible opportunity



Why do it this way?

- Design team's get an enormous amount of value from the collaborative mapping process – as it gives them the opportunity to creatively plan whilst understanding their interfaces with all the key stakeholders – both design and otherwise
- Design team's conversely perceive that they get less value from the weekly work plan process. However, in the expert's experience the ability to enforce reliable commitment promises brings significant benefits
- This method gets designers engaged in the process and allows production control to be introduced with the least resistance

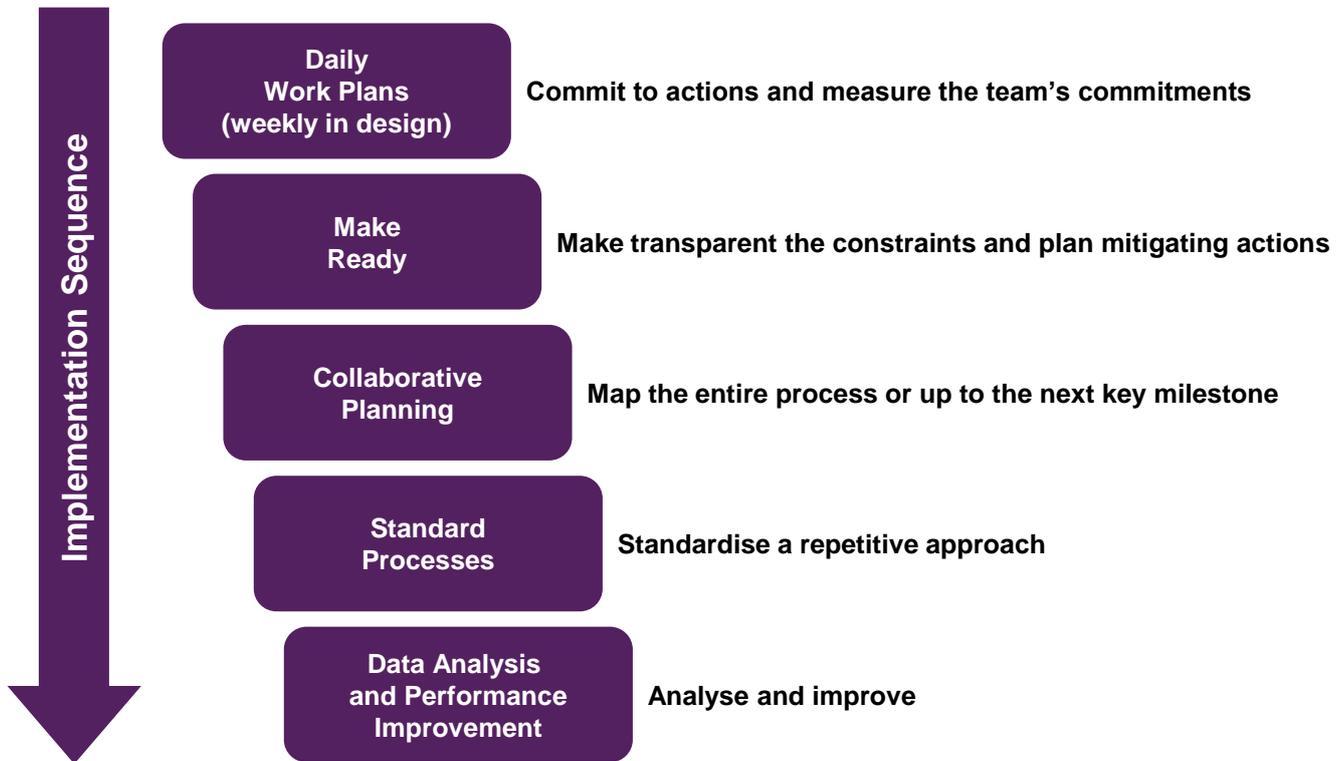
Hence, the implementation sequence is:

Do Collaborative Mapping > Do Work Plans > Do Make Ready



How the experts implement the Collaborative Planning System

The **Collaborative Planning System** in construction and small design projects:



Step 1: Get the team into the Plan-Do-Check-Act cycle and the use of **Daily Work Plans**. Capture reliability (**PPC**) and reasons analysis measurements.

Step 2: Introduce the **Make Ready** process to ensure that the constraints to achieving the tasks are removed to allow reliable task commitment.

Step 3: Use **Collaborative Mapping**, or elements of it, so the team understand the target and the steps to deliver it.

Step 4: Develop and implement standard processes for repetitive design processes

Step 5: At the appropriate point undertake **Data Analysis** using the generated data and metrics (**PPC** and **Reason for Non completion**) as a solid guide as to where to start process improvement efforts.

General: Make metrics transparent at earliest, sensible opportunity



Why do it this way?

- Usually the biggest, quickest impact can be made by working with these teams on the detailed work plans - it is where the main resource is deployed and money spent.
- Site teams get most benefit from resolving immediate issues and working out to the medium term
- Getting the team engaged early by working on issues that can be quickly solved is always preferable
- Consequently if the team can make better commitments, understand transparent interfaces and plan more collaboratively, big benefits can be apparent quickly
- In our experience the team must improve its short term planning reliability to have a chance of predictably delivering a collaboratively mapped plan

Hence the implementation sequence is:

Do Work Plans > Do Make Ready > Do Collaborative Mapping