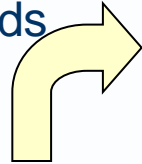


# Avancier Methods (AM) PLAN

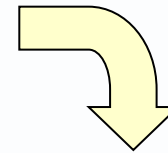
## Plan delivery

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► For 4<sup>th</sup> level process definition see the detailed methods



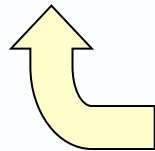
**Initiate**



**Govern**

**Manage**

**Architect**



**Plan**

Select suppliers

Plot migration path

Review business case

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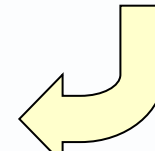


Chart initial roadmap

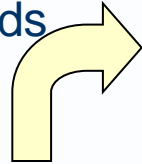
Help managers complete plans

Plan implementation governance

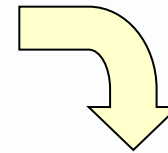
- ▶ The approach to migration planning is one of architect-led management.
- ▶ Architects provide leadership to the planners.
- ▶ The architecture migration path is the driver for the plans for which managers are accountable.

- ▶ The Solution Architecture process involves two management roles,
  - the manager who leads the Solution Architecture process, and
  - the manager who plans the delivery project(s).
- ▶ The same person may play roles, or different managers may be engaged.
  
- ▶ Architects can and should support managers in the completion of programme and project plans

▶ For 4<sup>th</sup> level process definition see the detailed methods



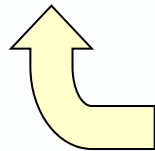
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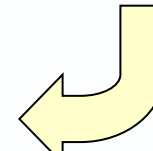


Chart initial roadmap

Help managers complete plans

Plan implementation governance

# Chart initial roadmap

- ▶ Convert the migration path into a road map
  - Decompose changes into tasks
  - Define dependencies between tasks
- ▶ Complete the initial road map
  - Estimate and schedule each work package well enough to inform the more detailed management plan

# Convert the migration path into a road map



## Roadmap

A migration path/plan with timescales, and perhaps some idea of costs and resources.

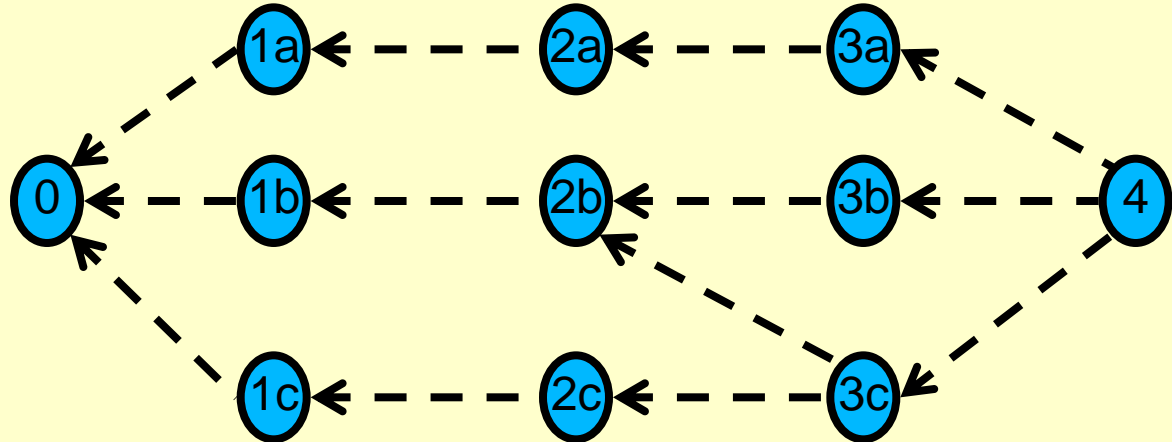
Half-way between a migration path and a project plan.

# Decompose changes into tasks

## ▶ Dependency diagram

State or Deliverable

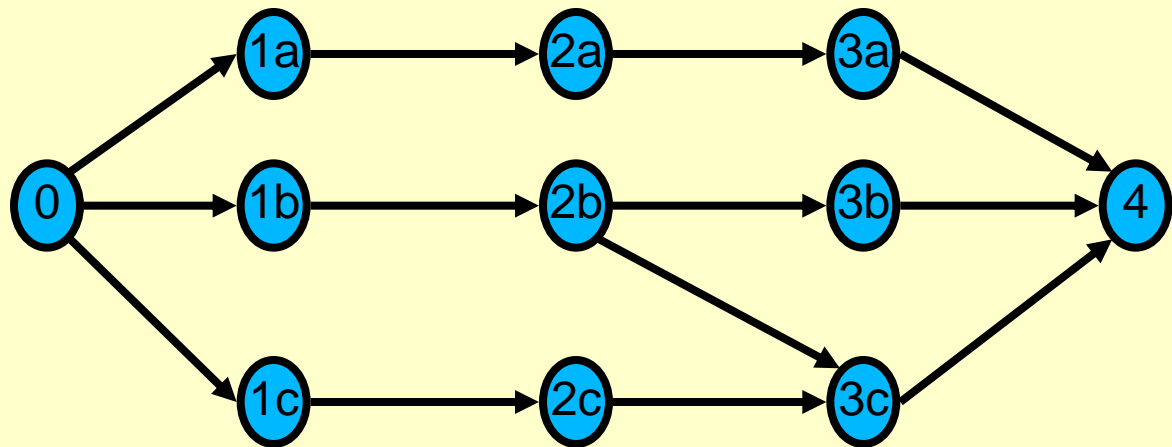
Dependency  
← - - -



## ▶ Critical path diagram

State or Deliverable

Transition  
→ - - -





# Define dependencies between tasks

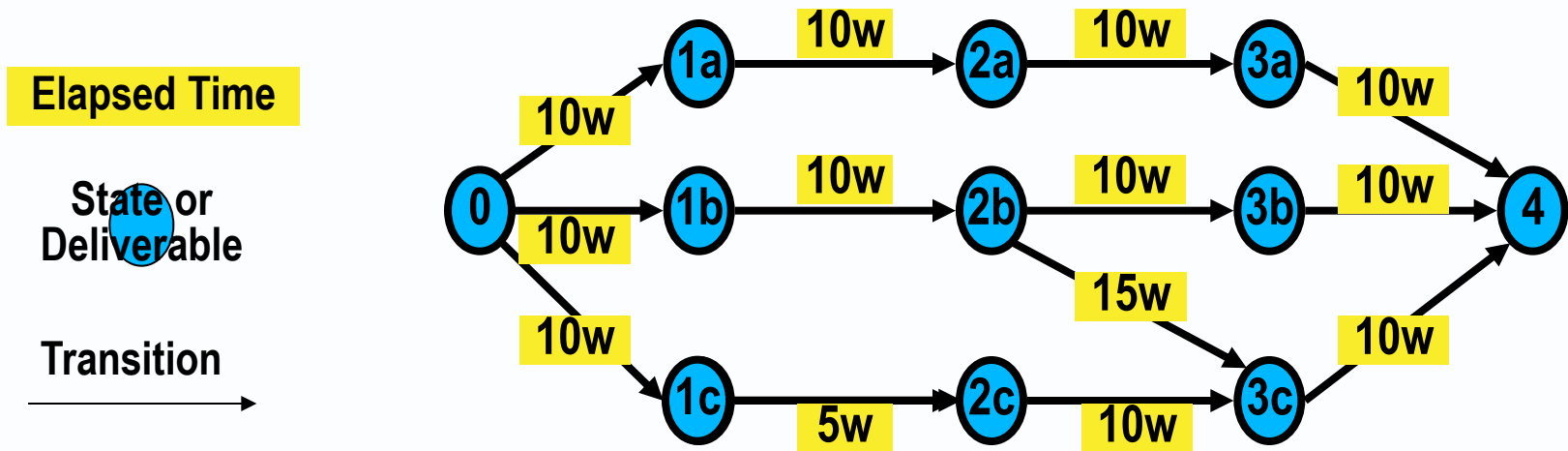
## Critical path analysis

A technique to construct a model of the project that includes

- (i) a list of all **tasks** required to complete the project (also known as work breakdown structure)
- (ii) the duration of each **tasks**, and
- (iii) the dependencies between the **tasks**.

## Program Evaluation and Review Technique (PERT)

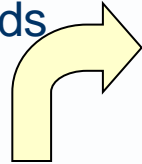
A method to analyze the tasks involved in completing a given project, especially the time needed to complete each task, and identifying the minimum time needed to complete the total project.



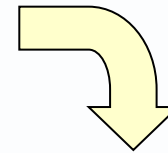
# Complete the initial road map

- ▶ Estimate and schedule each work package well enough to inform the more detailed management plan

▶ For 4<sup>th</sup> level process definition see the detailed methods



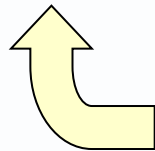
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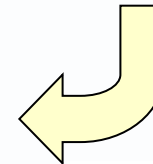
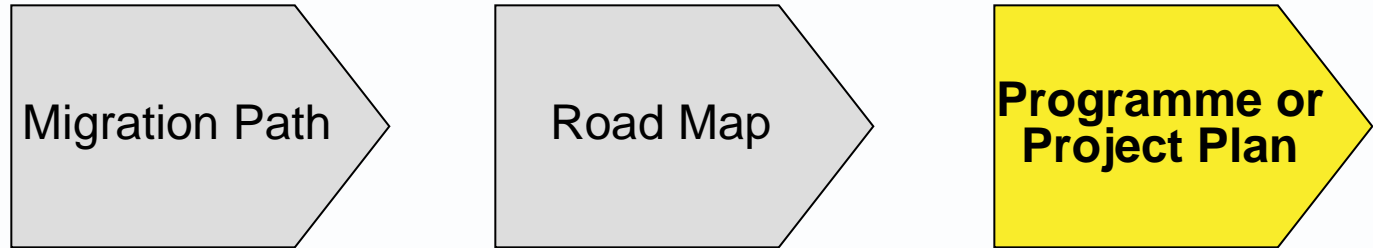


Chart initial roadmap

Help managers complete plans

Plan implementation governance

# Help managers complete detailed plans



## Management methodology

A collection of processes and deliverables designed to guide people in how to complete a programme, project or service

## Programme

A set of projects that are related by a common goal or shared budget, usually under one manager.

## Managing Successful Programmes (MSP)

A methodology for managing programmes, maintained and published by the OGC. Applicable at the level of enterprise architecture.

# Programme Management <- -> Enterprise Architecture

<b>MSP</b>	<b>Avancier Methods</b>
Identify programme: vision	INITIATE
Define programme	ARCHITECT
	PLAN
Manage programme	GOVERN delivery
Tranches	
Delivery	
Benefits management	GOVERN operations
Close programme	

## Help managers complete detailed plans

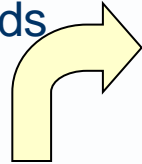
### **Project**

A process that consumes time and resources to deliver a required outcome, usually under one manager.

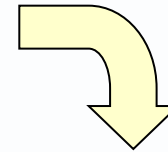
### **PRINCE2**

A project management method.  
A well-known methodology maintained and published by the OGC.  
Applicable at the level of an application development project.

▶ For 4<sup>th</sup> level process definition see the detailed methods



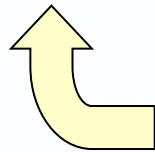
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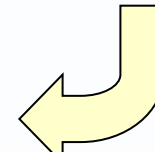


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Plan implementation governance

# Plan implementation governance

- ▶ For each project
- ▶ Determine how the implementation will be governed
- ▶ Define **architecture contracts**
- ▶ Define **project compliance plan**

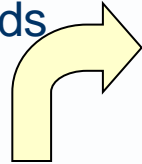


- ▶ A document agreed by a programme, project or business manager
- ▶ Perhaps an appendix to a Project Initiation Document
- ▶ Used by a governing architect to test the compliance of
  - A solution vision
  - A solution outline
  - A solution to build, a system under construction
  - A change request
- ▶ Against (for example)
  - Goals, objectives , requirements, especially NFRs
  - Architecture principles, reference models and standard
  - Earlier and higher level architecture descriptions
  - Some of the factors listed in more general compliance review checklists

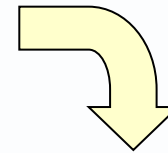
A plan that schedules

- ▶ When reviews will take place
  - Regular intervals and/or
  - Define milestones
- ▶ Kinds of review to be carried out
- ▶ What each kind of review will test compliance against
  - Compliance review checklists
  - Architecture contracts
  - Other defined inputs

▶ For 4<sup>th</sup> level process definition see the detailed methods



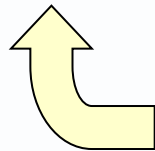
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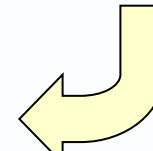


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