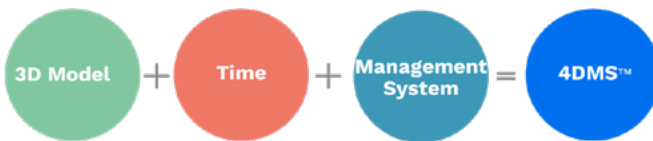


# 4DMS™ 4D Management System

The Technip Energies 4DMS™ is more than 4D technology, it is a breakthrough in Project Management, based on feedback from large Project execution experience. It fosters collaboration within the project teams (Client and Contractor).



Using our solution will permit you to improve predictability of Execution Plan. It secures Project delivery, by digitalization and visual management.

## 4DMS™, a pioneer solution

### Our goals

Provide Project Management teams (Client and Contractor) with visual management of project issues and accelerate decision-making process.

### When can it be implemented?

More than other 4D tools, it can be implemented during FEED and early EPCI phase.

### Why 4DMS™?

Faster problem solving to boost decision making. Visual review for a smooth project management and high execution performance, anticipating construction issues and avoiding reworks.



### Input

- Engineering Data**
- 3D model (Hexagon Smart 3D, Aveva E3D, etc)
  - Master Tag Register
  - Engineering lists

### Procurement Data

- Purchasing
- Expediting
- Shipping

### Schedule Data

- Primavera P6
- MS Project
- Physical Progress

### Construction & Installation Data

- Easy-Plant®
- Daily reports

### Output

- Scenarios / What-if**
- 3D Models videos or snapshots highlighting sequence gaps, overlaps and clashes.

### SIMOPS

- (simultaneous operations) analysis (spatial/time)

### Forecast VS Baseline

- 3D Model videos or snapshots colouring object statuses, comparing actuals or forecast to be planned.

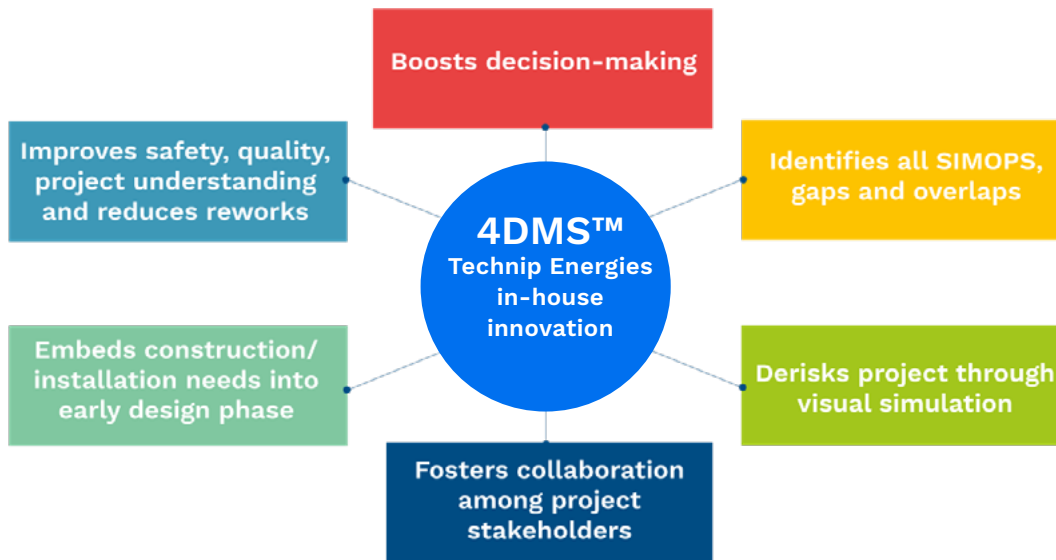
## 4DMS™ Uniqueness

- It can be implemented as soon as a 3D Model is available.
- It includes scheduling capability (CPM).
- It is built over existing project execution systems: implementation is not risky.
- It shows spatial/time inconsistencies and democratizes project schedule.
- It allows for scenario simulations & comparisons, forecast analysis, project gates readiness reviews.

“

Work faster and smarter, together.

## Major 4DMS™ benefits



## Added value



### For Owner

4DMS™ brings visibility, transparency and progress understanding for a better collaboration. It secures Asset delivery and boosts decision-making process through visual management.

### For Project Management Teams

4DMS™ allows for increased anticipation of project issues, and creates adherence to corrective actions.

Want to learn more?

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