

# Adoption

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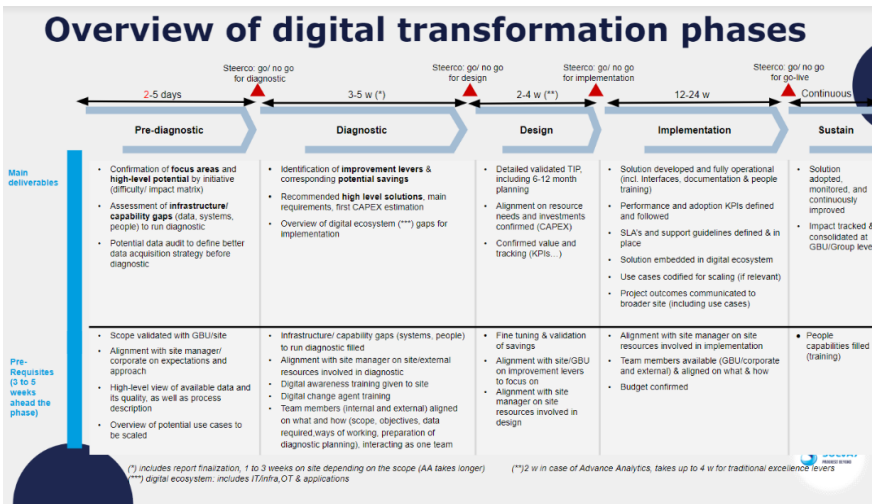
This standard aims at building awareness of digital tools and solutions available within Solvay to address many challenges existing in solvay plants. The content allows its user to:

- Introduce digital tools applicable for Solvay
- Identify and align everybody on key areas for development
- Inspire site's team to generate list of improvements based on tools/applications

More specifically, digital in plants allow to better serve customer while empowering our workforce and providing Solvay with a competitive advantage by acting on 5 specific levers:

- **Asset Performance Management** - Enhance performance (e.g., yield, energy consumption) through **process control excellence (PCE)** and **advanced analytics (AA)** ([details here](#), [use cases here](#))
- **Plant asset Network Optimization** - Maximize in-site asset profitability by applying dynamic optimization algorithms for production and planning scheduling ([details here](#), [use cases here](#))
- **Asset Reliability / Maintenance** - Prevent / predict equipment failure and optimize maintenance strategy by capturing more equipment data and applying data analytics
- **Digital Ways of Working** - Empower our employees on the shopfloor by implementing human-machine interface technology to streamline key processes ([details here](#), [use cases here](#))
- **Robotics and Cobotics** - Optimize plant fixed costs through robotization of key processes (cobotics involves technology assisting employees in their work) ([details and use here](#))

The digital transformation roadmap follows a 5 phases process (see below, more details [here](#))



Digital transformation project governance is organized along 5 different bodies ([more details here](#)):

1. Steering Committee (incl. Project sponsor, site project manager, plant manager, digital change agent)

**GBU team** responsible for the whole project:

2. Project director
3. Site project manager

**Corporate team** supporting execution within the frame of objectives agreed upon with GBU:

4. Corporate project manager
5. Project team

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### Playbook

- [Sites digital transformation in a nutshell](#)

### Standard Synthesis One Pager

- [Digital awareness](#)

### Use Cases

- [Use cases catalog](#)
- [IIoT use cases](#)

### Key contacts

- [Sami Bahroun](#)