

Innovation In Production & Processes

I'm stuck with a serious recurring process problem. I seem out of options to solve it...

I want to boost my production's output. Should I build a new line or improve the existing process?

Many industries are lowering costs and optimising operations through continuous improvement efforts. Sometimes however, a large-scale improvement is still required: a process problem requires in-depth analysis and there seems no obvious solution.

Developing new products often implies developing new production processes or adapting processes beyond the normal engineering practices. Innovation in process and production technology can give you a major competitive advantage.

Altran can assist you throughout these innovation challenges using a systematic approach that provides focus when solving complex issues and generates concepts & solutions that fit your company processes.

We innovate to overcome your barriers in production!



Client Quotes

"NEO has helped us to find disruptive and original approaches to a problem, looking at a very much wider spectrum of possible solutions."

*Alberto Martin-Briega
Manager Vodafone Group R&D
Spain
Vodafone*

"The workshop gives the participant the tools and the systematic approach to find better solutions to problems and enable faster quality innovation."

*Aiden Flanagan, Principal
Device Engineer
Boston Scientific, Ireland*

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Our objective

UNDERSTAND THE ENVIRONMENT

- Map and challenge the boundary conditions that should be met in your production processes
- Identify the major barriers preventing straightforward solutions

EVALUATE YOUR OPTIONS

- Provide a detailed and profound technical analysis of the root causes of your problem
- Identify the major opportunities for innovation throughout your processes

CREATE WHAT ISN'T

- Generate solutions that overcome the limitations of your current processes

HELP YOU MAKE BETTER DECISIONS

- Give you the input you need to make decisions on new production lines and processes

Our commitment

- Provide you with a **sustainable long-term solution** for your production steps
- Focus on **uncovering and resolving recurring problems**, instead of covering up symptoms or blindly adding capacity
- **Overcome technical contradictions** instead of making trade-offs
- Combine our **systematic approach** with the **specific expertise** in your company to guarantee a generation of concepts that will fit and stick

Some of our clients



Our services

PROCESS STEP INNOVATION

- With proven methodologies we assist you in the conceptual generation of new technical systems or help you improve your existing ones. This can include:
 - Root cause analysis
 - Problem solving
 - Contradiction solving
 - New concept generation

PRODUCTION PROCESS INNOVATION

- Instead of resolving an isolated issue, we rethink and redefine your complete process

TRAINING & COACHING

- We provide training in our Systematic Innovation approach to your R&D and engineering teams
- We assist the team in the application of the methodology so they can tackle future issues themselves

Your benefits

- **Solve production issues** using lasting solutions when standard methodologies can no longer provide an answer
- **Identify innovation potential** for your processes with clear added value
- **Make better decisions** regarding investments
- Bring fundamental solutions in **less iterations**
- Your employees work in a structured way, are able to **generate solutions** and are motivated to **get them implemented**