



Deming Cycle

Although this method is named after [W. E. Deming](#), its author is Deming's professor [Walter A. Shewhart](#).

Deming Cycle (PDCA Cycle) is a method of a gradual improvement of the quality of the, for example products, services, processes, applications, data, going through repeated implementation of four basic activities:

- » **P** - Plan - planning proposed improvement
- » **D** - Do - plan implementation
- » **C** - Check - check the result from the original plan
- » **A** - Act - plan adjustments and the actual implementation based on the verification, and space implementation of the improvements in practice

Similar methods:

- » In a field of the learning there is similar approach - [Kolb's learning cycle](#)
- » For management and change implementation it is used the DMAIC method

Related terms and methods:

- » [EFQM Excellence Model](#)
- » [ITIL](#) (note: uses PDCA for quality management)
- » [Kaizen](#)
- » [Lean](#)
- » [Managerial functions / activities](#)
- » [Paynter diagram](#)
- » [Poka yoke](#)
- » [Quality](#)
- » [Quality circles](#)
- » [Six Sigma](#)
- » [SMED](#)
- » [TQM - Total Quality Management](#)
- » [Value Stream Mapping](#)
- » [Product lifecycle](#)

Related management fields:

- » [Quality Management](#)
- » [Strategic Management](#)