

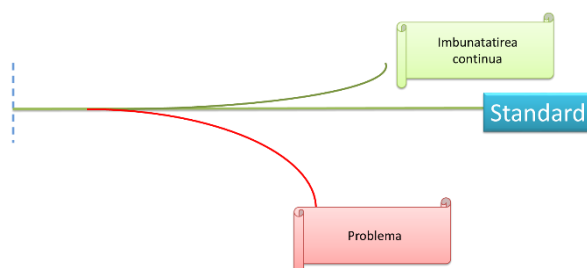
8D Problem solving

8D is a problem-solving methodology in 8-step that was standardized in the Second World War being oriented to material reduction of nonconformities .

Currently, due to the expansion of the concept of continuous improvement, 8D methodology is common in many industries, 8D can be applied in the food industry, health, high technologies .

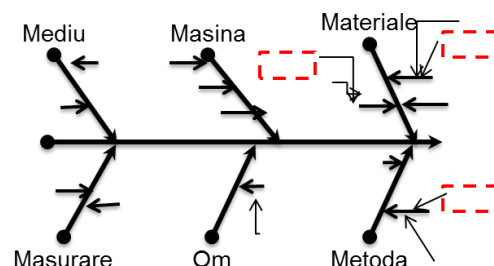
The methodology can be used when there is a measurable system, the cause is unknown and complexity exceeds a person's ability to solve the problem, problem solving is based on teamwork.

❖ **Problems** are those deviations from the standard who in business can lead to poor quality products, performance decreases, and high costs or even loss of customers. In this way the problems must be solved quickly and completely prevent their recurrence.



❖ **The root cause** of the problems is that who is proved at the most detailed level, and verified passive and active.

❖ **The instruments** used in performing 8D steps as the case may be: Ishikawa (Fishbone), 5 Why, Flow chart, Tree diagram, Brainstorming, etc



The role of leaders and management is very important in solving problems because they have to remove the bottlenecks that occur during the analysis and provide resources and time, an essential component in the smooth running and effectiveness analysis.