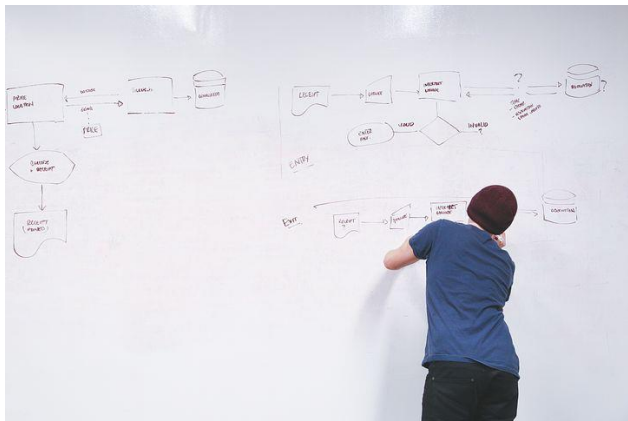


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|--|---|
| Name | Reality Tree |
| Brief Description | <i>Current reality tree (CRT) is designed to accommodate multiple related problems and non-linear processes, revealing hidden causes and uncovering problems that were not so obvious.</i> |
| Methodology | <p>Through a CRT a cause and effect network diagram is created that provides an overview of the undesirable effect and the root causes of a complex problem.</p> <ul style="list-style-type: none"> • At the top of the tree, there are one or many undesirable effects, • below them there are intermediate effects • at the bottom of the tree the root causes. • CRT includes a prioritization and aims at providing clarity to facilitate well-thought through decision making. Virtual format possible |
| Estimated planning time needed: | 1-2h |
| Objective | Th CRT is used to build a chain of cause-effects on a specific theme |
| Time estimated: | 10 - 30 min |
| Composition of audience: | All audiences suit this format |
| Experience level required: | Comparable level of experience among participants is envisaged |
| Number of audience: | <10 |
| Level of complexity and possible challenges | High - The presenter and the participants should have good knowledge and organisational skills. |
| Picture |  <p>The image shows a person from behind, wearing a blue shirt and a red beanie, standing in front of a large whiteboard. They are actively drawing a Reality Tree diagram. The diagram consists of several interconnected boxes and ovals, representing a complex network of cause-and-effect relationships. Some boxes are labeled with terms like 'PROBLEMS', 'CAUSES', 'EFFECTS', and 'ROOT CAUSES'. The person is using a marker to draw lines connecting these elements, illustrating the interconnected nature of the system being analyzed.</p> |
| Relevant sources | Dettmer, H. W., (1997) <i>Goldratt's Theory of Constraints: a systems approach to continuous improvement</i> . ASQC Quality Press, pp. 62–119 |