Systems Engineering Fundamentals Needs Elicitation

by Gerrit Muller University of South-Eastern Norway-NISE

e-mail: gaudisite@gmail.com

www.gaudisite.nl

Abstract

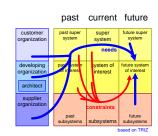
This presentation uses the TRIZ 9 Windows diagram as framework to think about needs elicitation.

Distribution

This article or presentation is written as part of the Gaudí project. The Gaudí project philosophy is to improve by obtaining frequent feedback. Frequent feedback is pursued by an open creation process. This document is published as intermediate or nearly mature version to get feedback. Further distribution is allowed as long as the document remains complete and unchanged.

August 21, 2020 status: preliminary draft

version: 0



Our Primary Interest

developing organization

architect

system of interest



Context, Zoom-out and Zoom-in

customer organization

developing organization

architect

supplier organization

super system

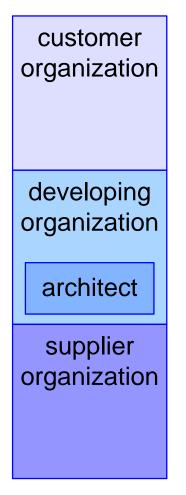
system of interest

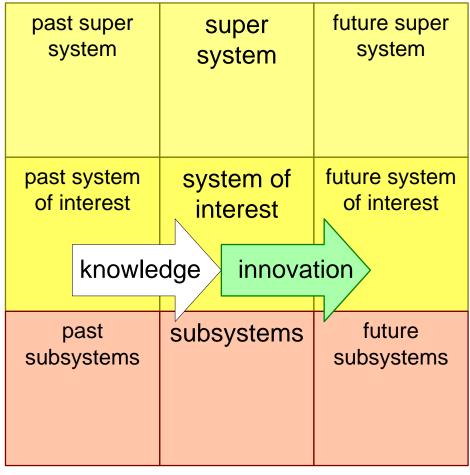
subsystems



Adding the Time Dimension

past current future



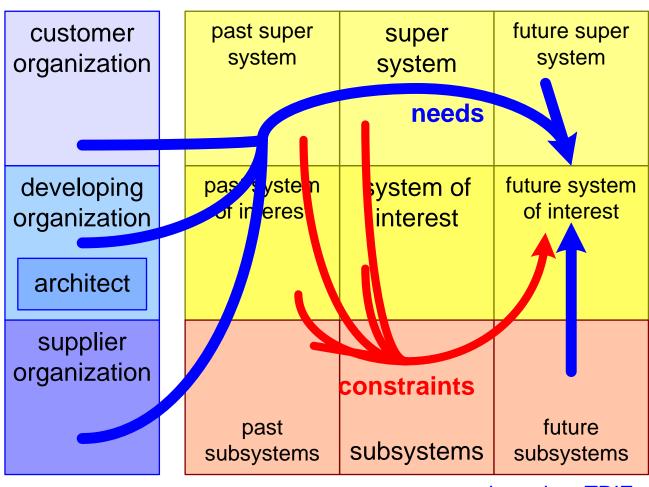


based on TRIZ



Sources of Needs and Constraints

past current future



based on TRIZ

