



# EERMF

## Enhanced Enterprise Risk Management Framework

Bjarni Þór Björnsson  
Svana Helen Björnsdóttir



# Samstarfsaðilar



- Stiki ehf.
- ZHAW – Zürich University of Applied Science
- Tækniþróunarsjóður Rannís
- Swiss Technical Fund

# Umsóknarferli



- Fyrstu umsókn skilað í sept. 2015
- Annarri umsókn skilað í febrúar 2016
- Niðurstaða úr mati í júní 2016
- Samningagerð:
  - Samningur milli Stika og ZHAW
  - Samningur milli Stika og TPS
  - Samningur milli ZHAW og STF
- Samn. Stika og ZHAW undirritaður í Zürich 13.9. 2016
- Ræsifundur í okt. 2016

# Greining tjóna og áfalla vegna hættuástands



## RM Studio

The RM Studio features:

- Risk Management
- Document management
- Quality Management
- Central database
- Collaboration and more



## STPA

The STPA Module features:

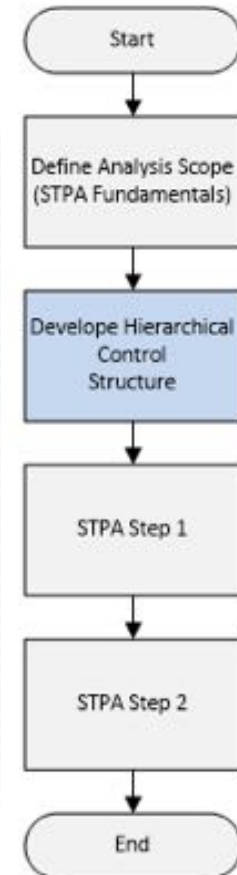
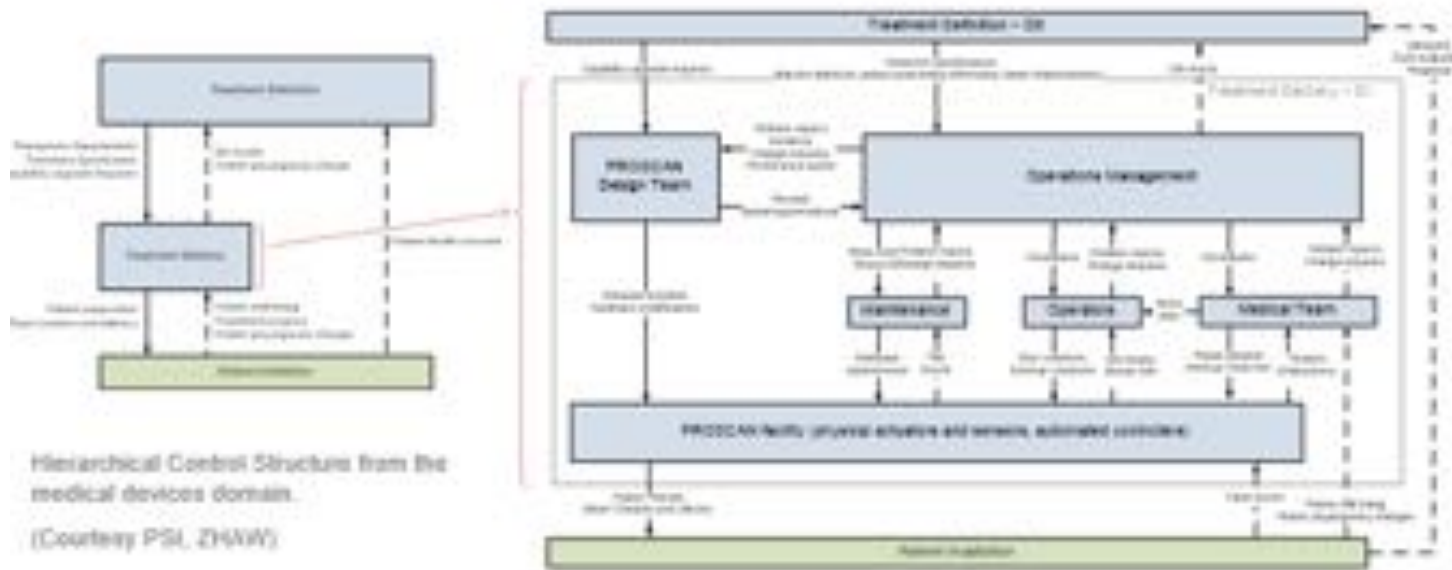
- Hierarchical Control Structures
- UCA Assessment
- Control Loop Modelling
- Scenario Identification
- Report Generation



# Aðferðafræði



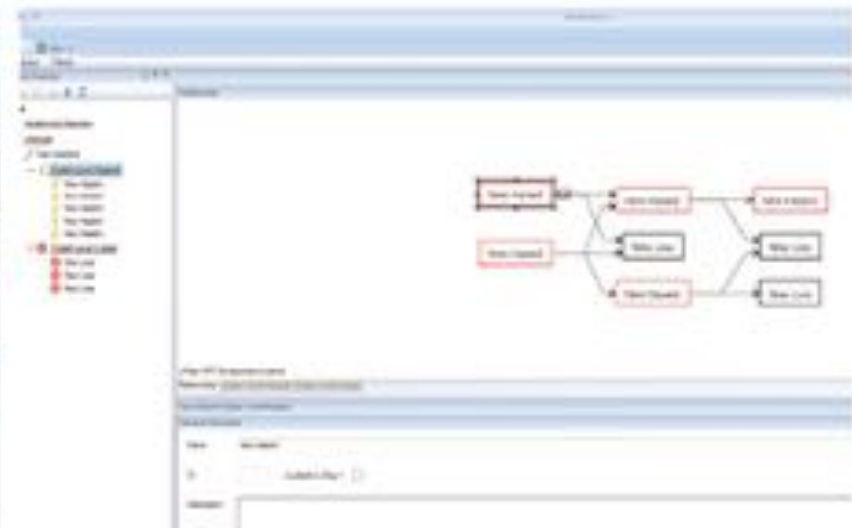
- The hierarchical control structure (HCS) is the fundamental basis for STPA (System Theoretic Process Analysis) by means of one or multiple graphical diagrams following specific rules



# Hugbúnaður með grafísku greiningarviðmóti



Screenshot of HCS diagramming with customizable properties



Screenshot of diagramming the Hazards and Losses from Step 1

# Nánari upplýsingar



## Nánari upplýsingar veita:

Svana Helen Björnsdóttir, [svana@stiki.eu](mailto:svana@stiki.eu)

Bjarni Þór Björnsson, [bjarni@stiki.eu](mailto:bjarni@stiki.eu)

