

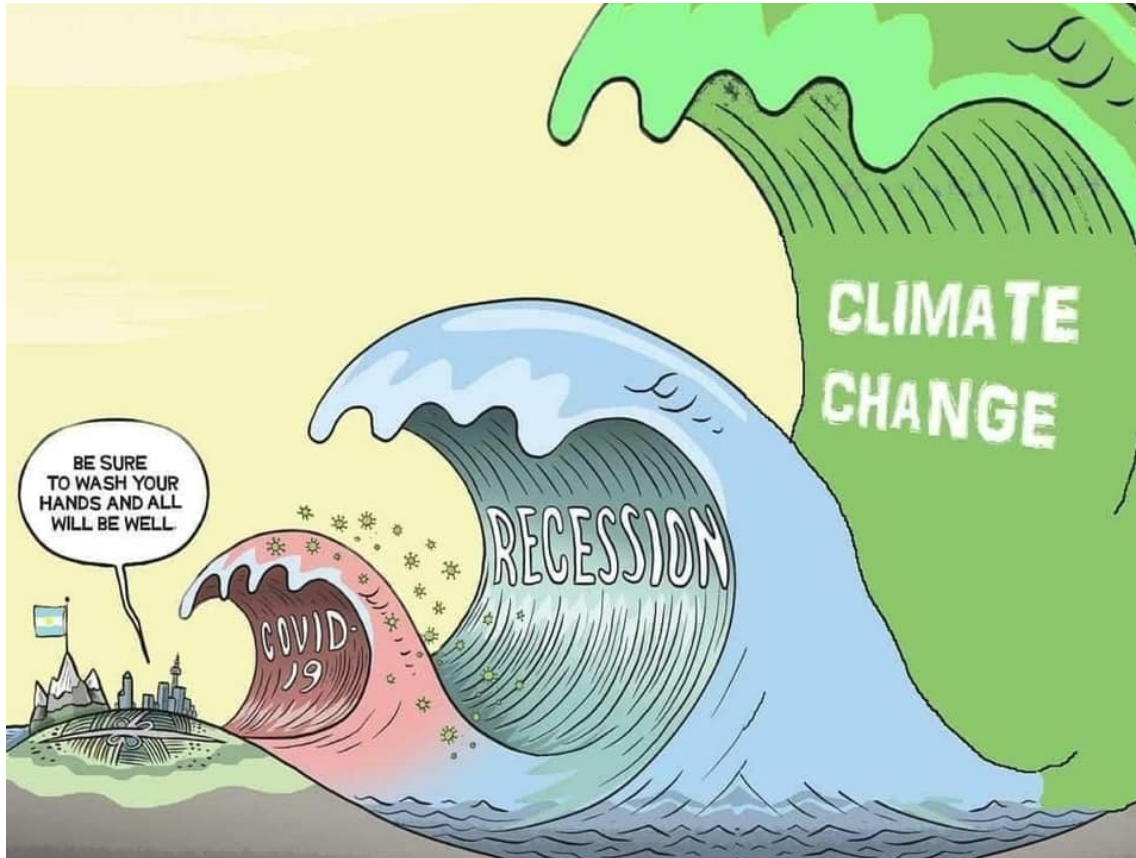
# Manufacturing Resilience

**How academia supports the response and recovery of industry**

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Head of Division Production Systems  
Chalmers University of Technology

Director of Innovation, EIT Manufacturing  
European Institute of Innovation and Technology

# Coping with Crises - Creating Resilience



**Response**  
**Recovery**

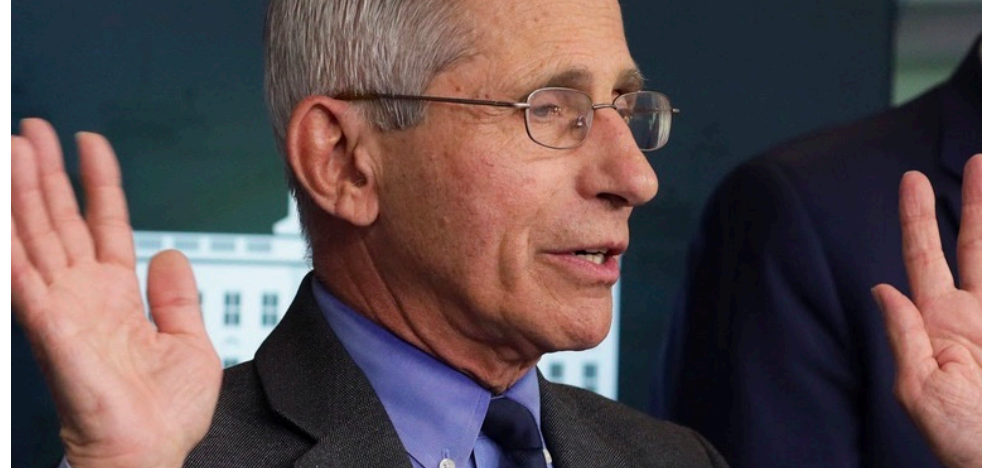
**Reaction**  
**Reconfiguration**  
**Repurposing**  
**Reskilling**



Folkhälsomyndigheten



# When Science does not have all the answers yet



# Coping with COVID



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# Re-skilling industry

## Engineer 4.0 -Spring and autumn 2020

This collection of learning packages within Industry 4.0 will introduce key enabling technologies for the advance of smart and digitized manufacturing for the sustainable production of products.



Co

### Collection



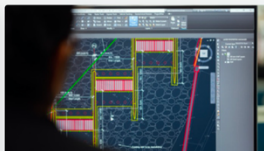
#### LEARNING PATH

##### 1. Engineer 4.0 - Smart Products and Industrial Internet of Things

Smart Products and Industrial Internet of Things aims at providing an overview on challenges and opportunities in the design of an industrial internet of things

Advanced

Digital



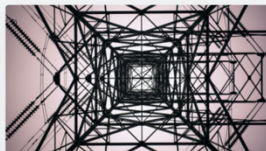
#### LEARNING PATH

##### 2. Engineer 4.0 - Cyber Physical Systems and Digital Twins

Covers the general concepts of Cyber-Physical Systems and Digital Twins with an overview of their industrial application possibilities.

Advanced

Digital



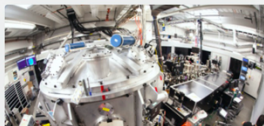
#### LEARNING PATH

##### 3. Engineer 4.0 - Connectivity, 5G, and Cloud Communication

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostru

Advanced

Digital



**MATILDA ERNKRANS (S)**  
minister högre utbildning och forskning

Kurslitteratur,  
ej hemlån  
Course Books, Reference  
Q-Ö

Det finns sen tidigare ett arbete igång  
på ett antal av våra lärosäten-



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# Making innovation happen



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Community](#)



[EIT Community COVID-19 response](#)

€60 million Crisis  
Response Initiative for  
Europe's Innovators

14/05/2020



# EIT CRISIS RESPONSE INITIATIVE



# CORONAVIRUS CRISIS

## EU RESPONSE

€ 1 000 000 000 000

ncil of the  
uropean Union



# Manufacturing Resilience

## What can Academia do for industry?

- Respond !
- Recover !
  
- React !
- Reconfigure !
- Repurpose !
- Reskill !







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