

# WHAT COMES FIRST: THE ROBOT OR THE CARE?

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Aimee van Wynsberghe

# ABOUT ME



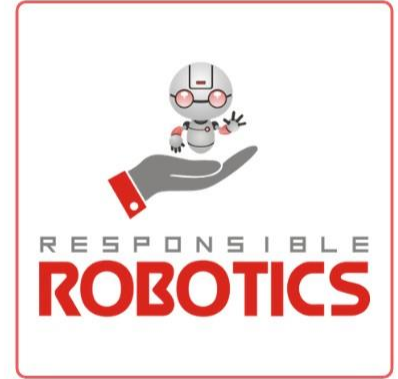
**CELL BIOLOGY**



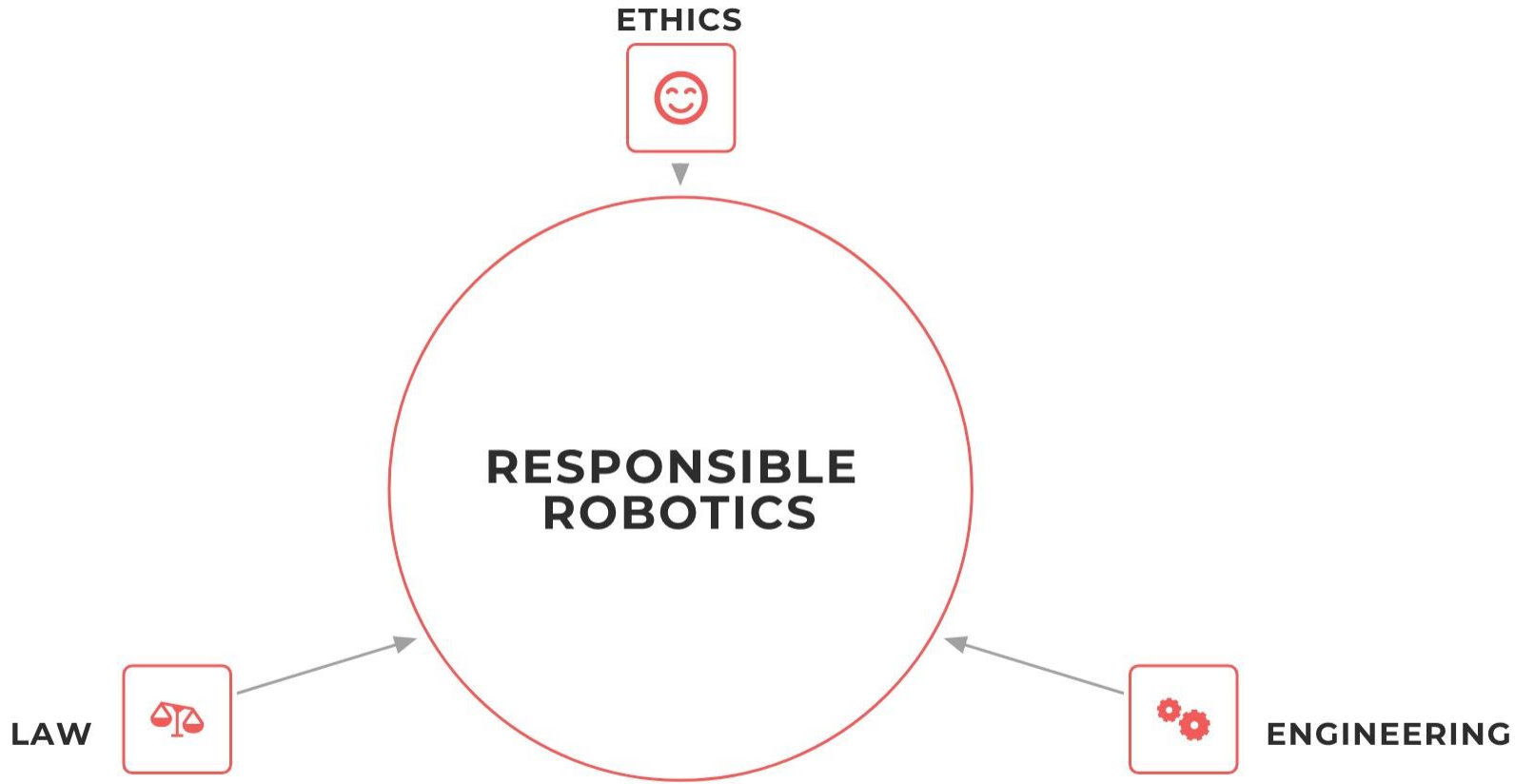
**C STAR**



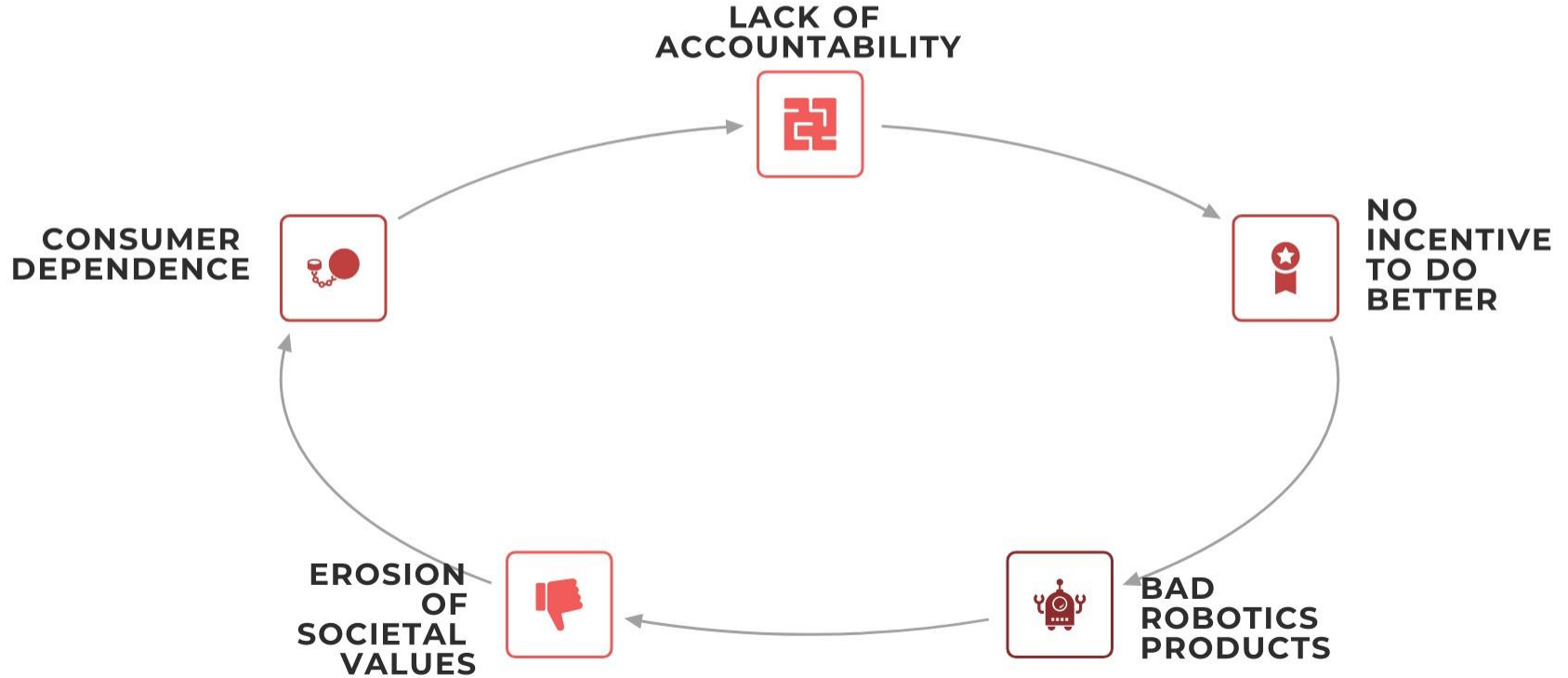
**ACADEMIA**



**NGOS / POLICY**

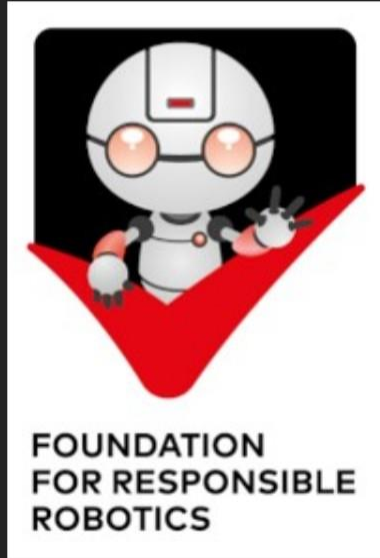


# VICIOUS CYCLE





# FRR QUALITY MARK



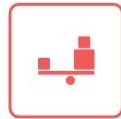
SECURITY



SAFETY



PRIVACY



FAIRNESS



SUSTAINABILITY



ACCOUNTABILITY



TRANSPARENCY

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Aimee van Wynsberghe



Image Courtesy of InTouch Health





210 views | Jun 25, 2019, 08:00am

# How Conversational Artificial Intelligence Is Providing Companionship To The Elderly

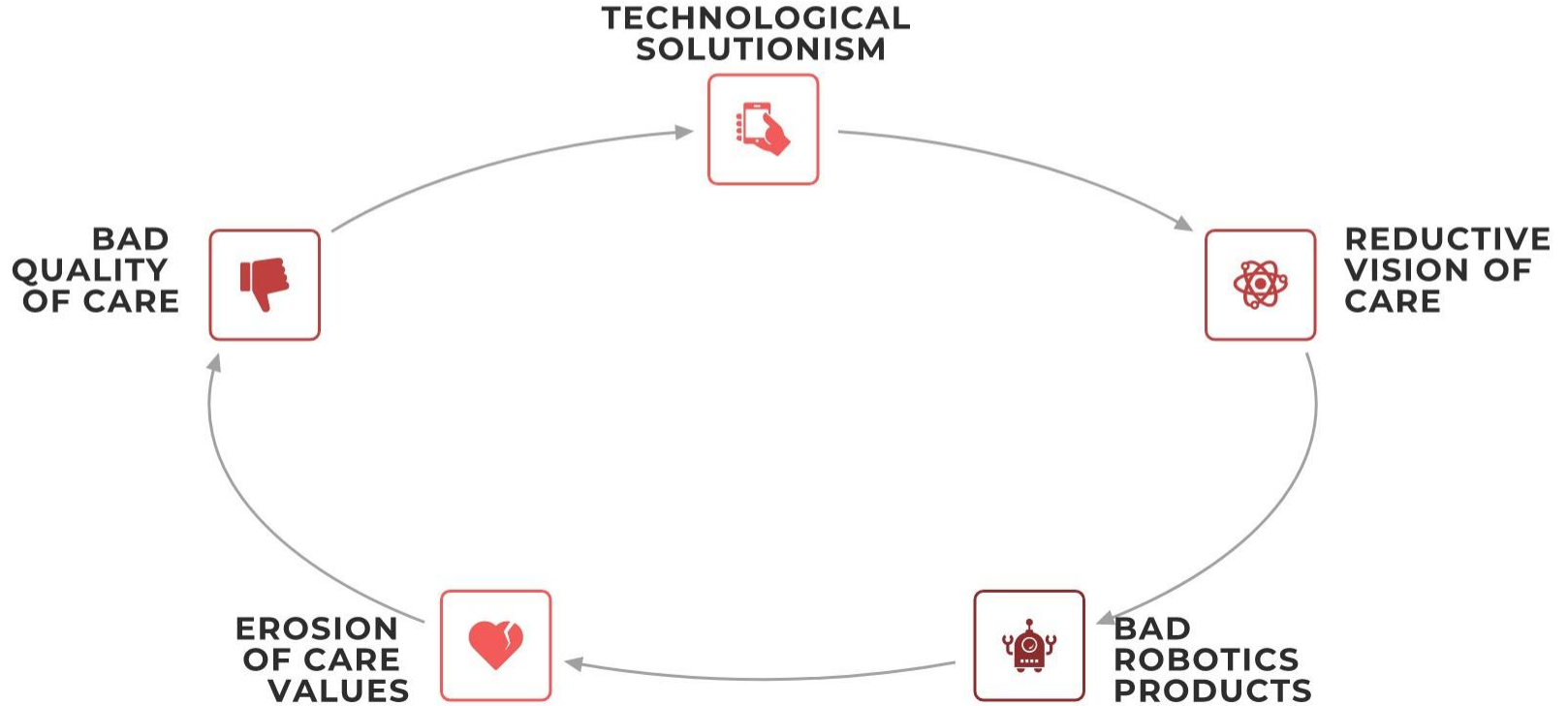


**Nicholas Fearn**

AI & Big Data



# VICIOUS CYCLE



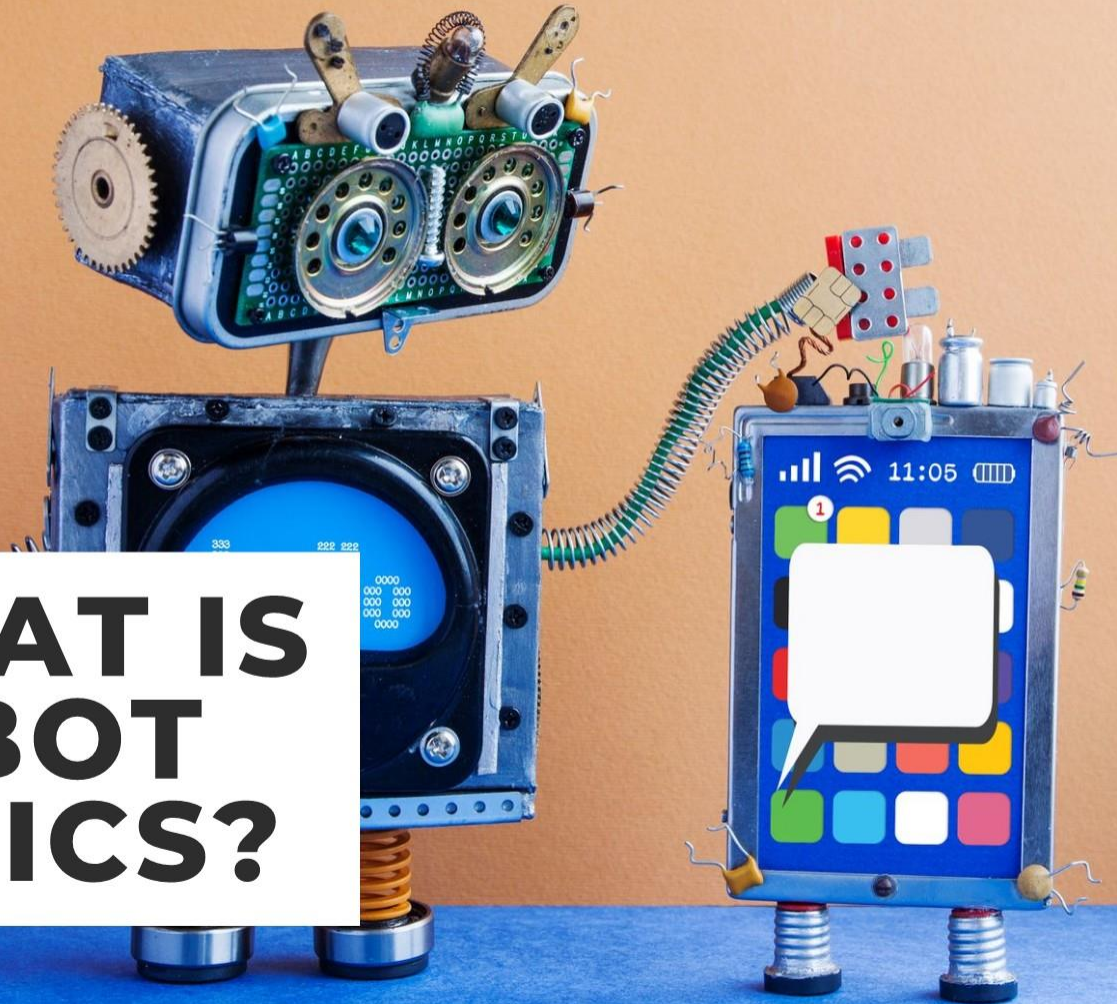
**WHAT CAN  
WE DO?**

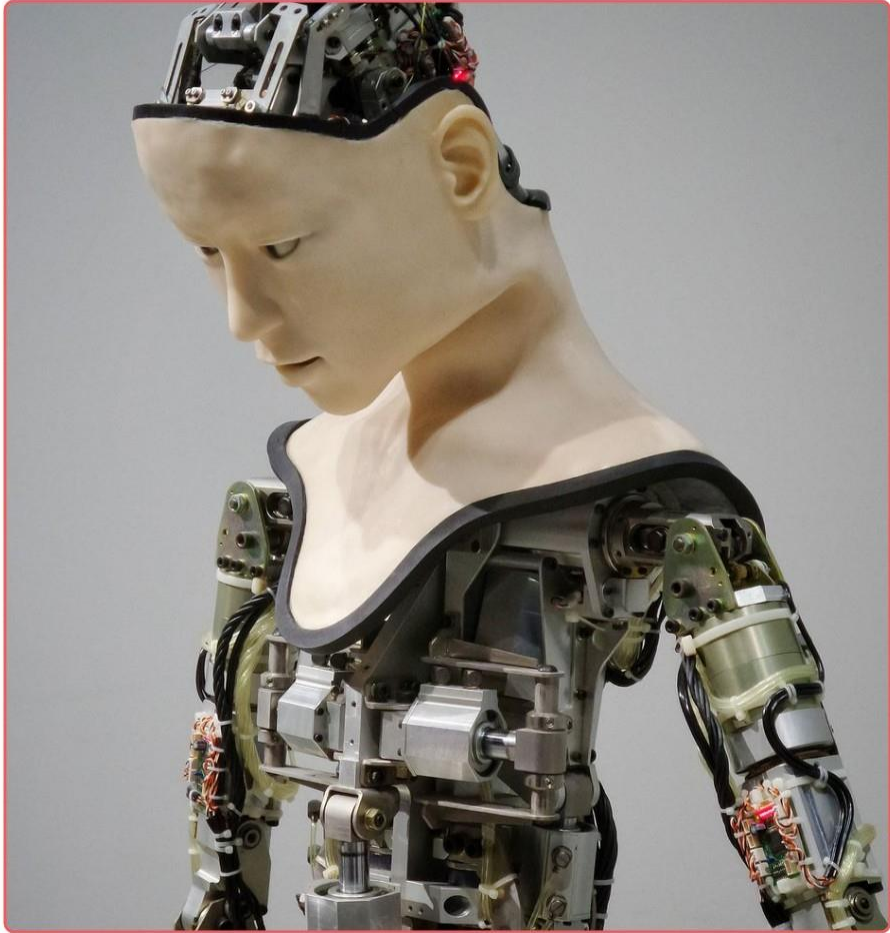


A photograph of a library interior. On the right, tall dark wood bookshelves are filled with numerous old, leather-bound books. A wooden ladder is leaning against the shelves. On the left, a row of classical marble busts of men is displayed. The scene is lit with warm, low-key lighting, creating a scholarly atmosphere. A semi-transparent grey box is overlaid on the lower left portion of the image, containing the text 'WHAT IS ETHICS?'.

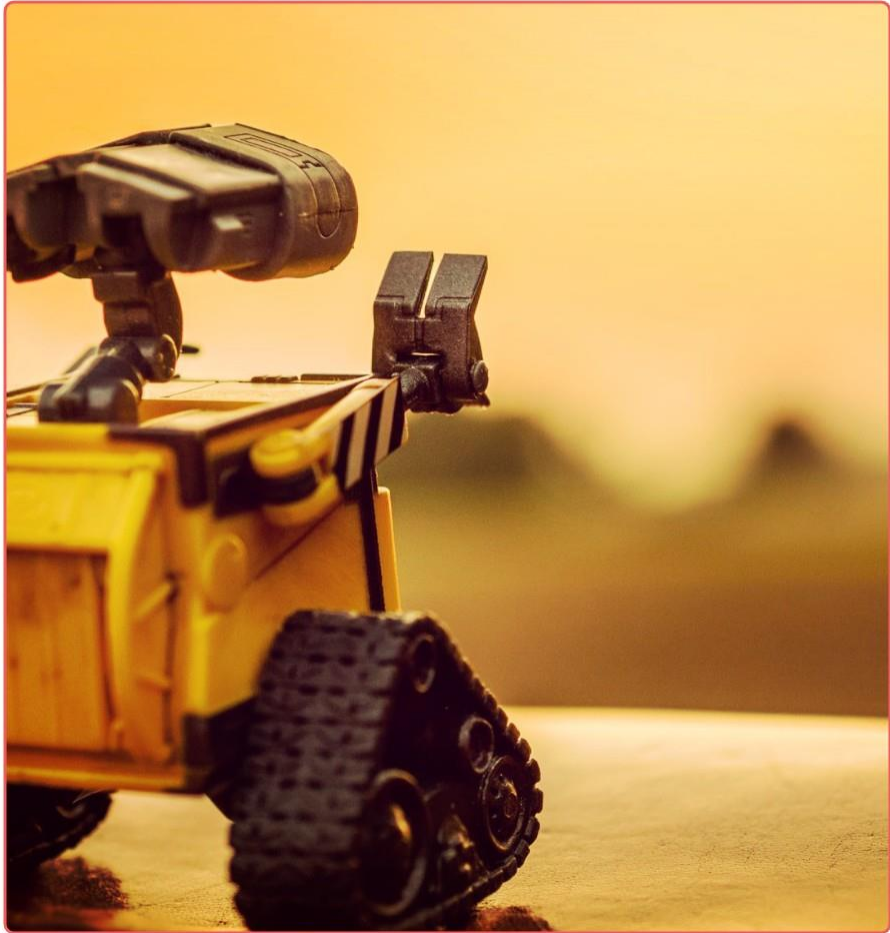
# WHAT IS ETHICS?

# WHAT IS ROBOT ETHICS?





**WHAT CAN  
ROBOTICS DO FOR  
US?**



**WHAT SHOULD  
ROBOTICS DO FOR  
US?**

# **ETHICS TO STEER INNOVATION**



**RESEARCH &  
DEVELOPMENT**

**PRODUCT**

**ETHICS**

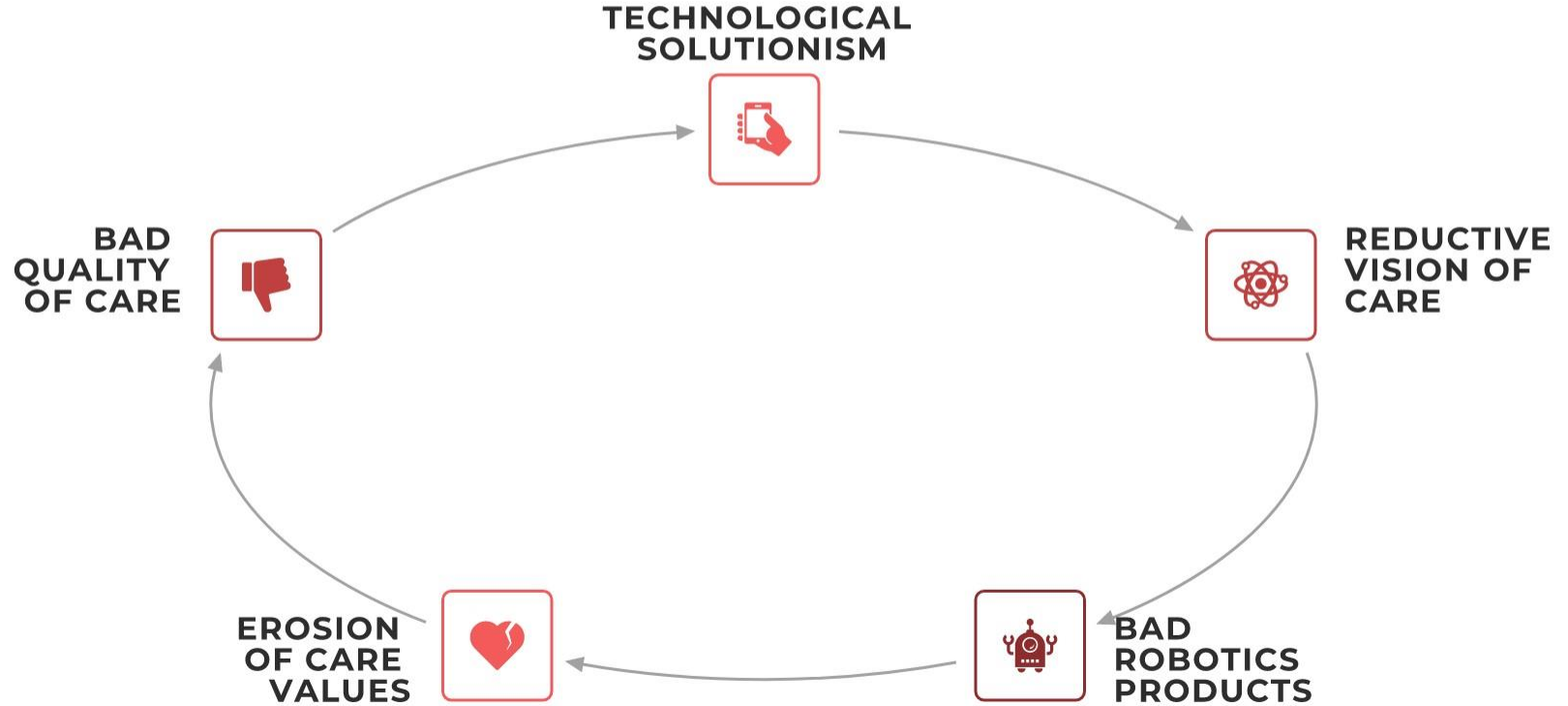


**ETHICS**

**RESEARCH &  
DEVELOPMENT**

**PRODUCT**

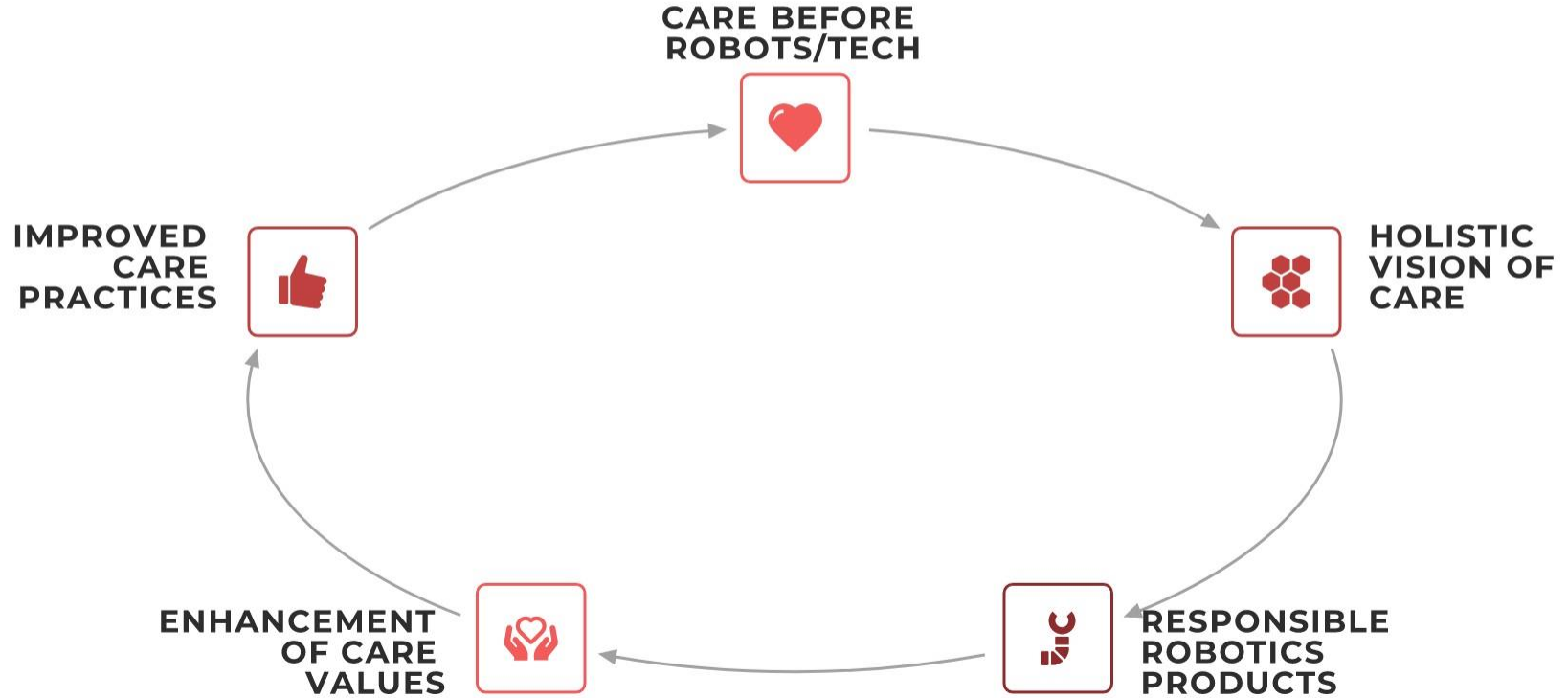
# VICIOUS CYCLE





**IT DOESN'T HAVE  
TO BE THIS WAY**

# VIRTUOUS CYCLE



# RESPONSIBILITY

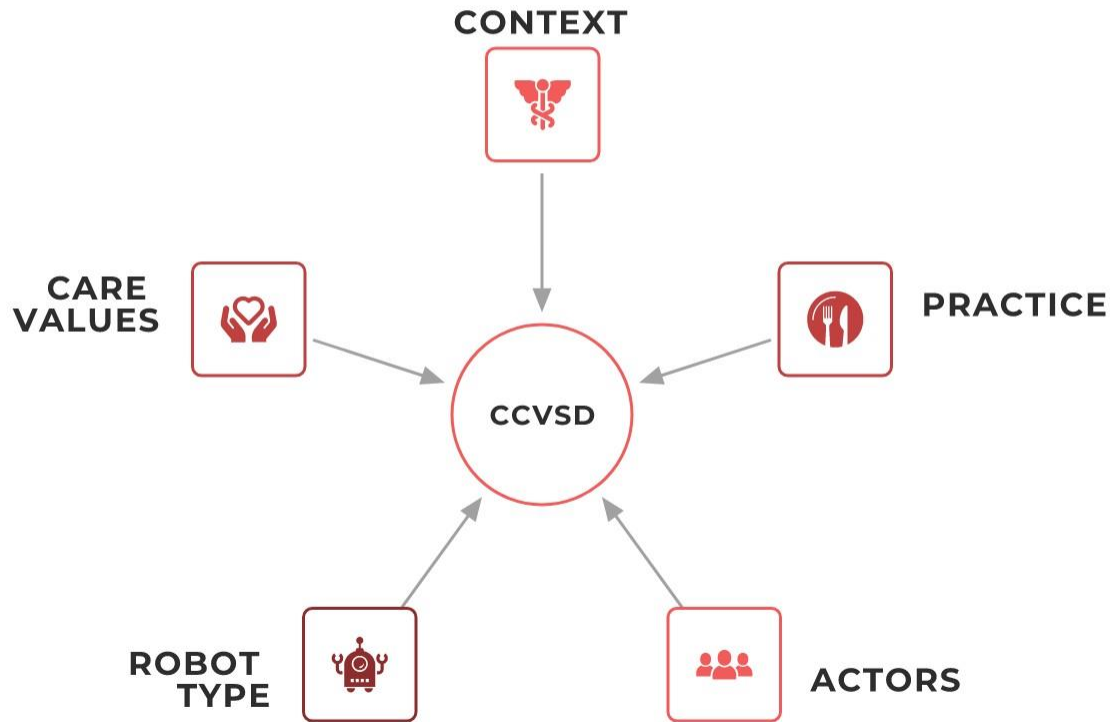


**WHO?**



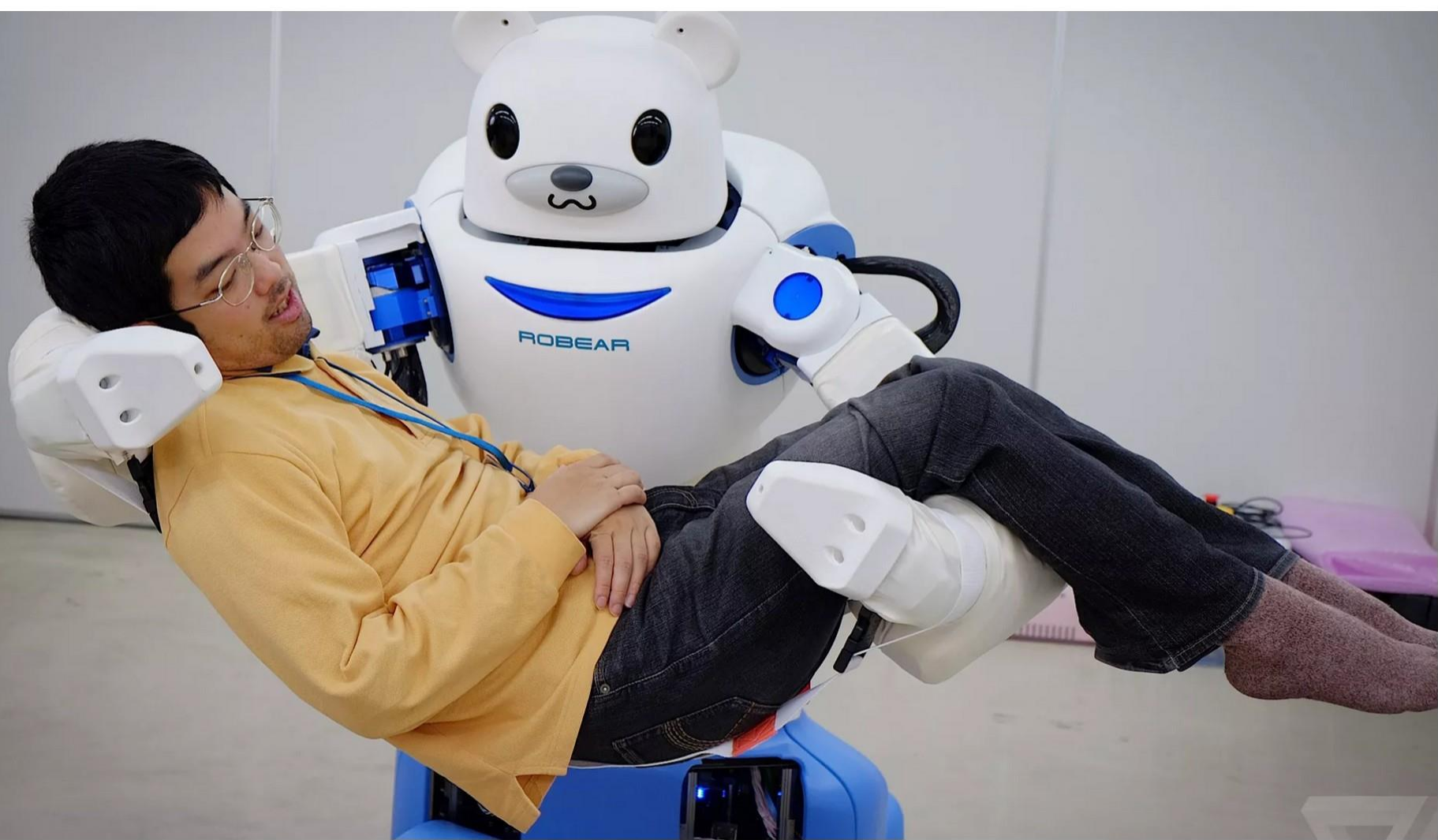
**FOR WHAT?**

# CCVSD



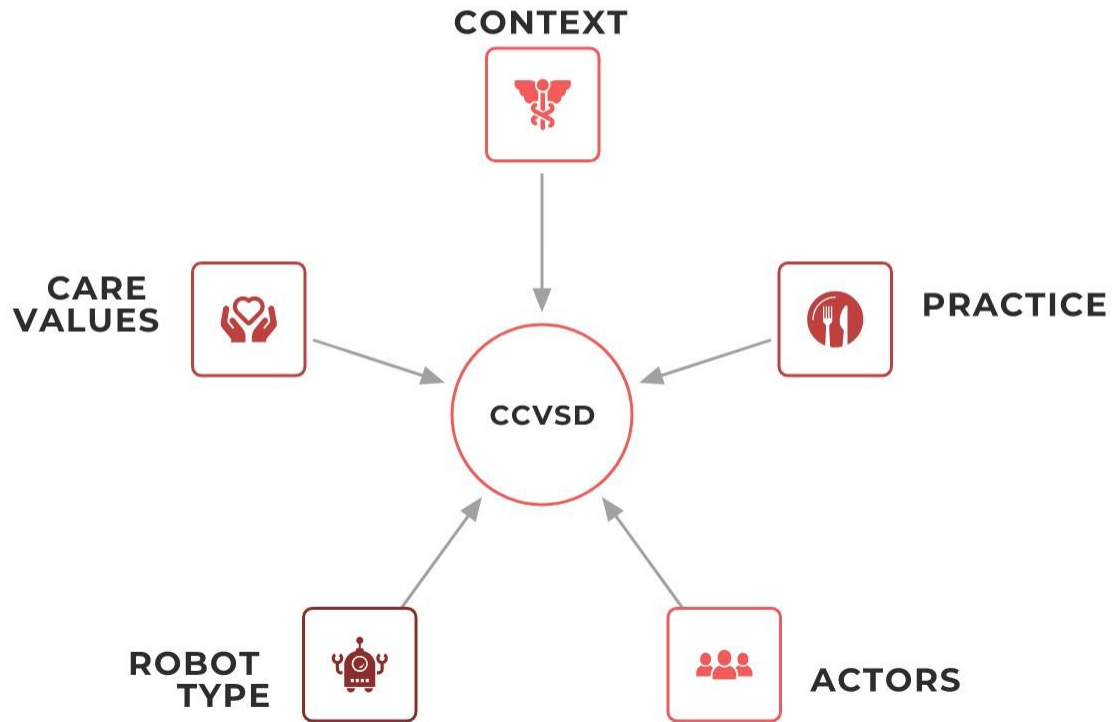




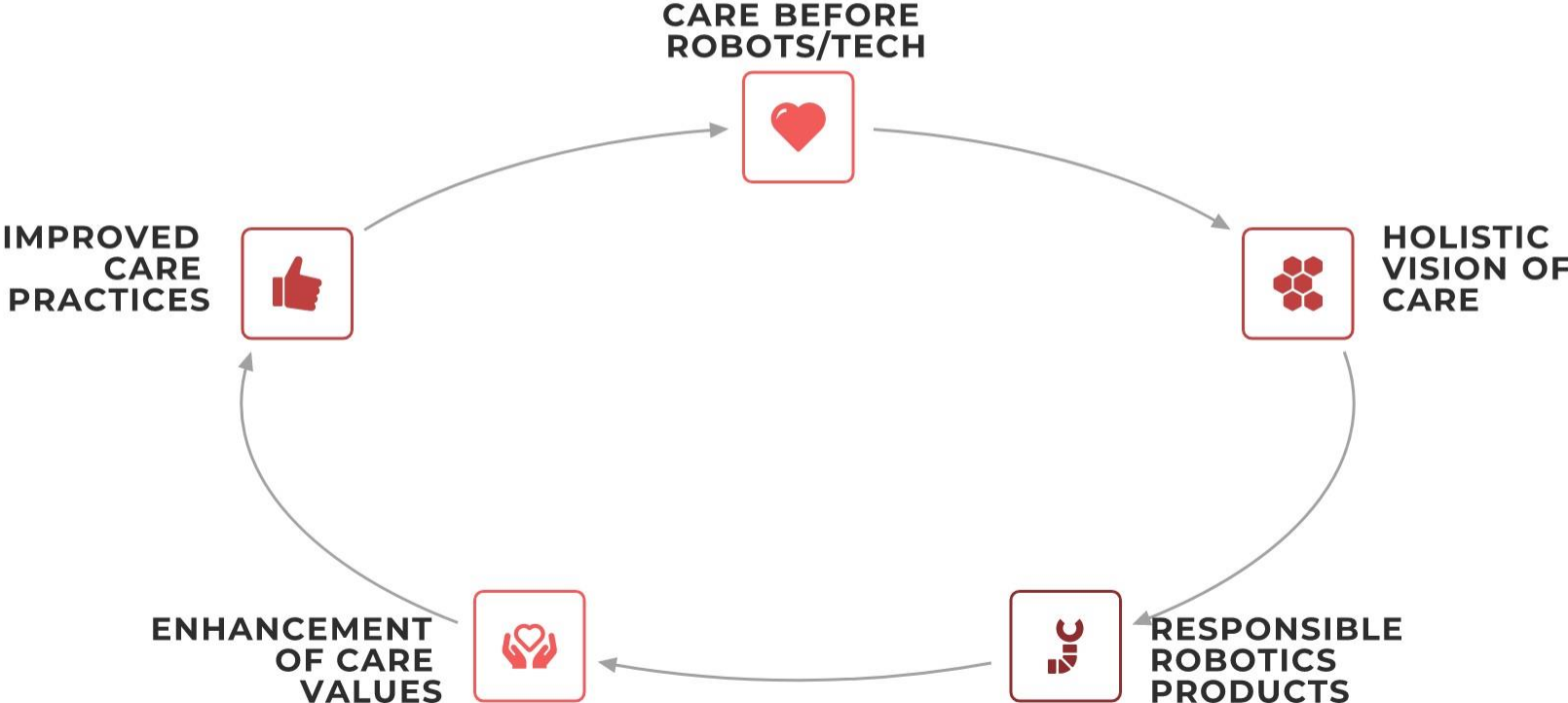


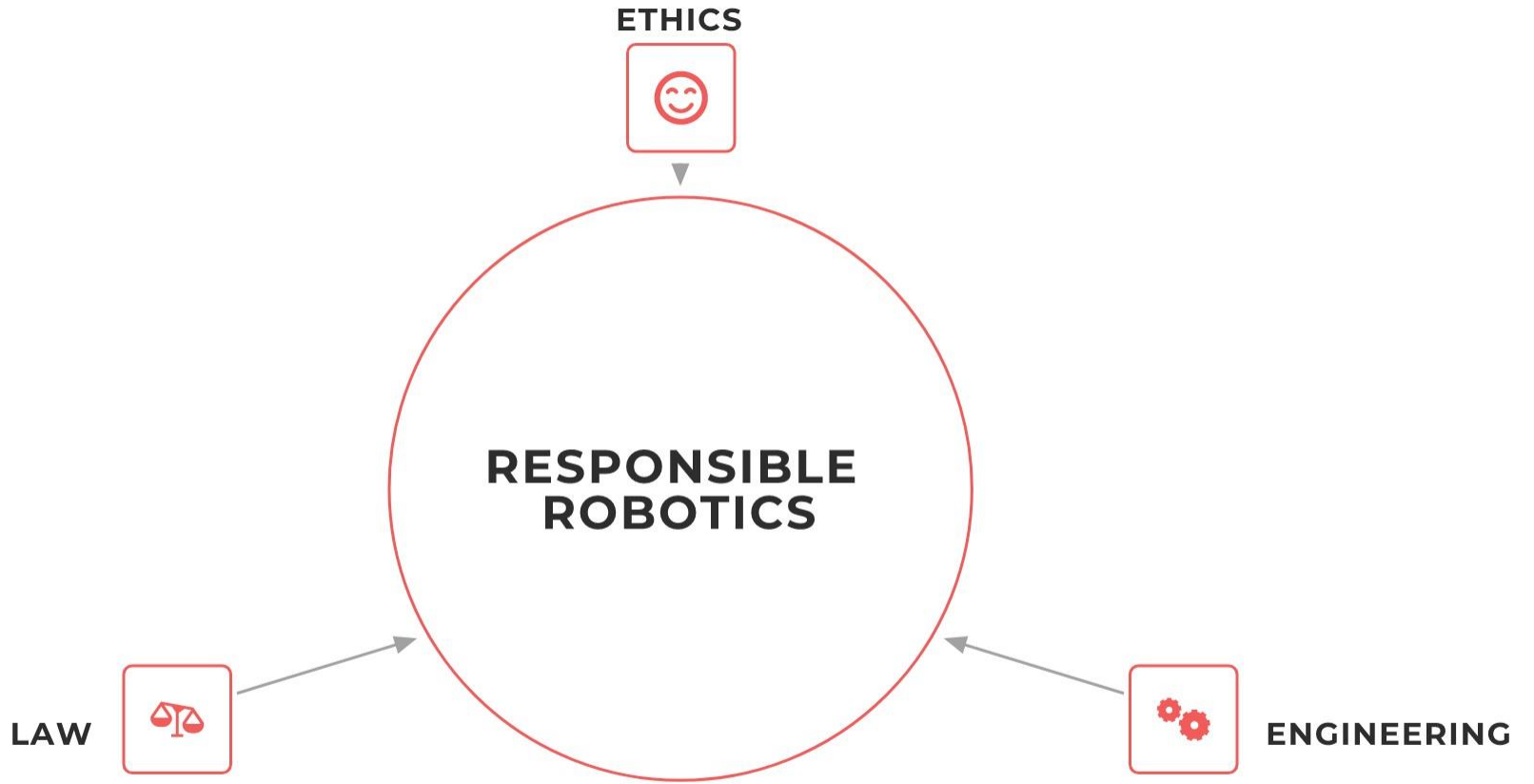


# CCVSD

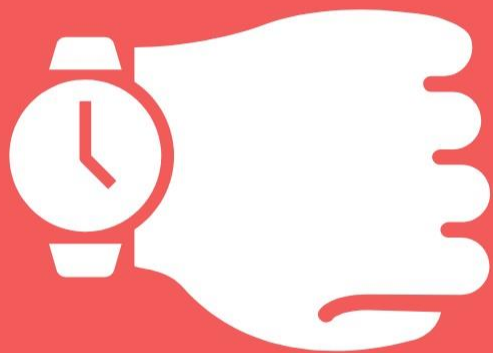


# VIRTUOUS CYCLE





# **ETHICS TO STEER INNOVATION**



**TIMING IS  
EVERYTHING**



# ETHICIST AS DESIGNER

- ENGINEERS
- FINANCE
- PROJECT MANAGER
- MARKETING
- GRAPHIC DESIGNERS
- PROGRAMMERS
- ETHICIST





FOUNDATION  
FOR RESPONSIBLE  
ROBOTICS

# THANK YOU



@aimeevanrobot



<https://aimeevanwysberhge.com>