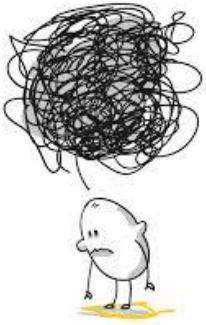
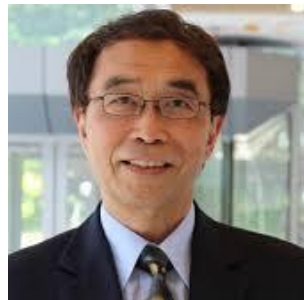
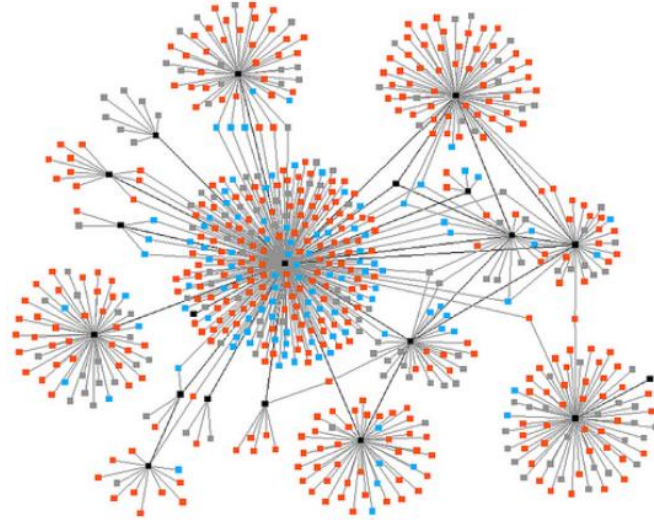


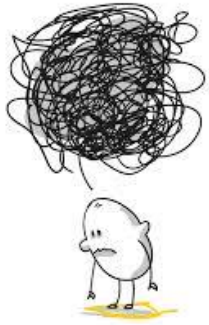
.....Ruminations.....



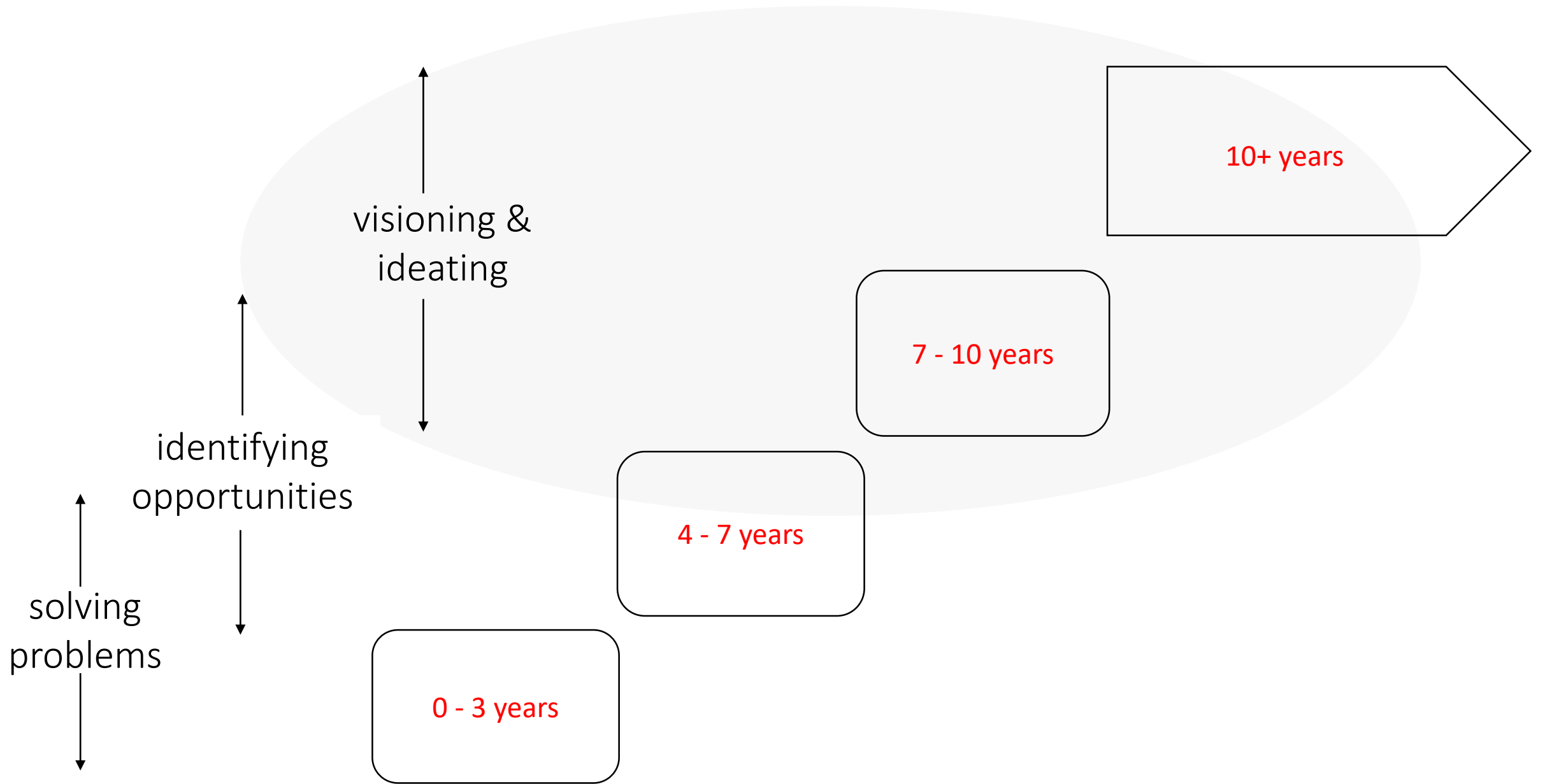
“.....engineering is much broader .....”

representing “all” of  
engineering at NSF

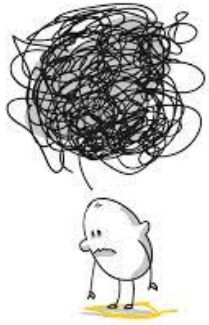




“.....where to set sights.....”



visioning.....roadmapping  
proactive.....reactive

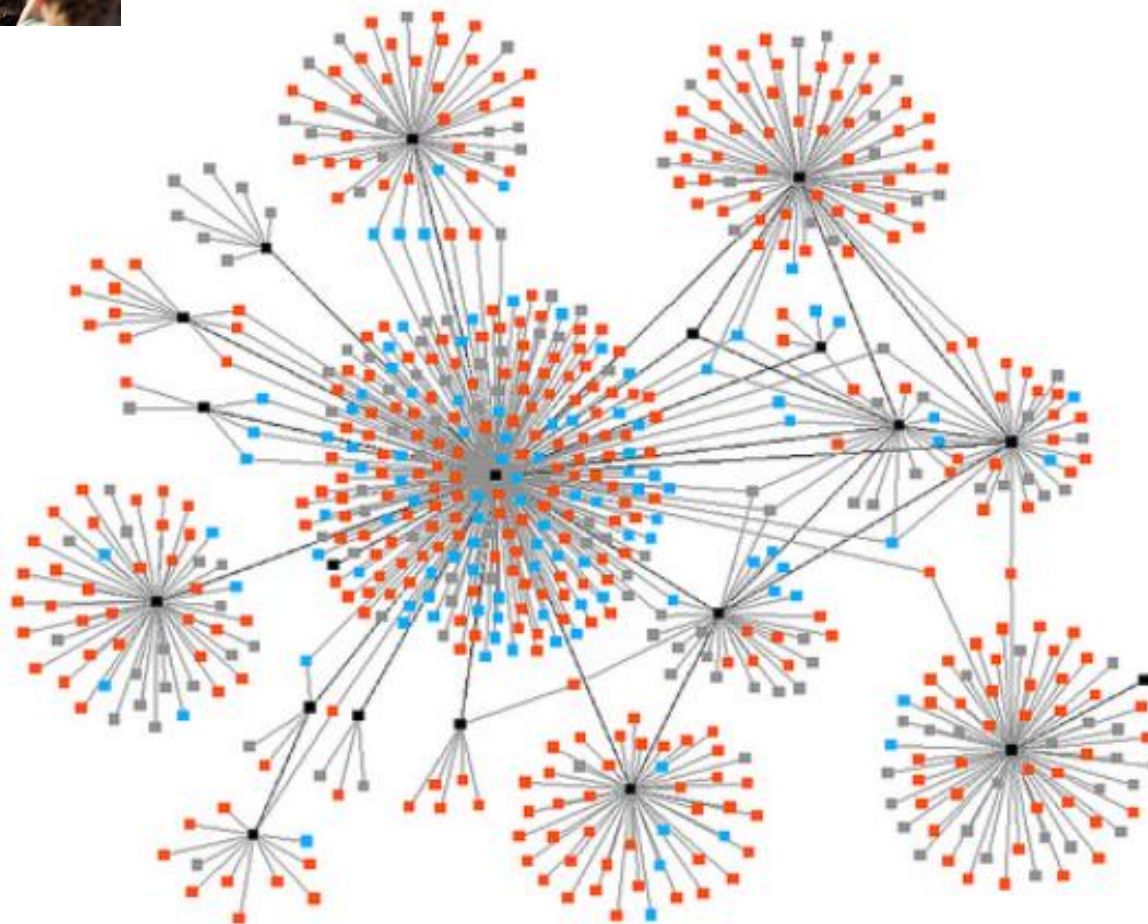


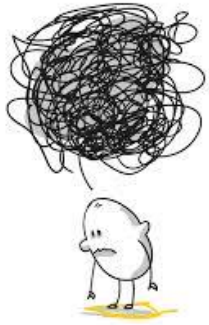
“.....who are the stakeholders?.....”





FORTUNE  
500



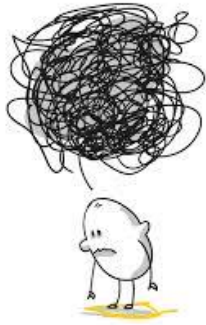


“.....what is our scope.....”





engineering + “X” ?



identifying what's visible but not yet seen

bold visions to enable a just, prosperous  
and sustainable future for society and the planet

using social media platforms to gather input  
and share findings

## clear mission and principled governance

meaningfully inclusion of diverse communities

engaging all engineering disciplines and others

giving "independent" research visioning voice(s) to the engineering research community

Stay  
positive,  
work hard,  
make it  
happen.

# our work for today

how to share/gather input/validate path forward with  
engineering community at large.....

how to implement.....

reflections and actions.....