



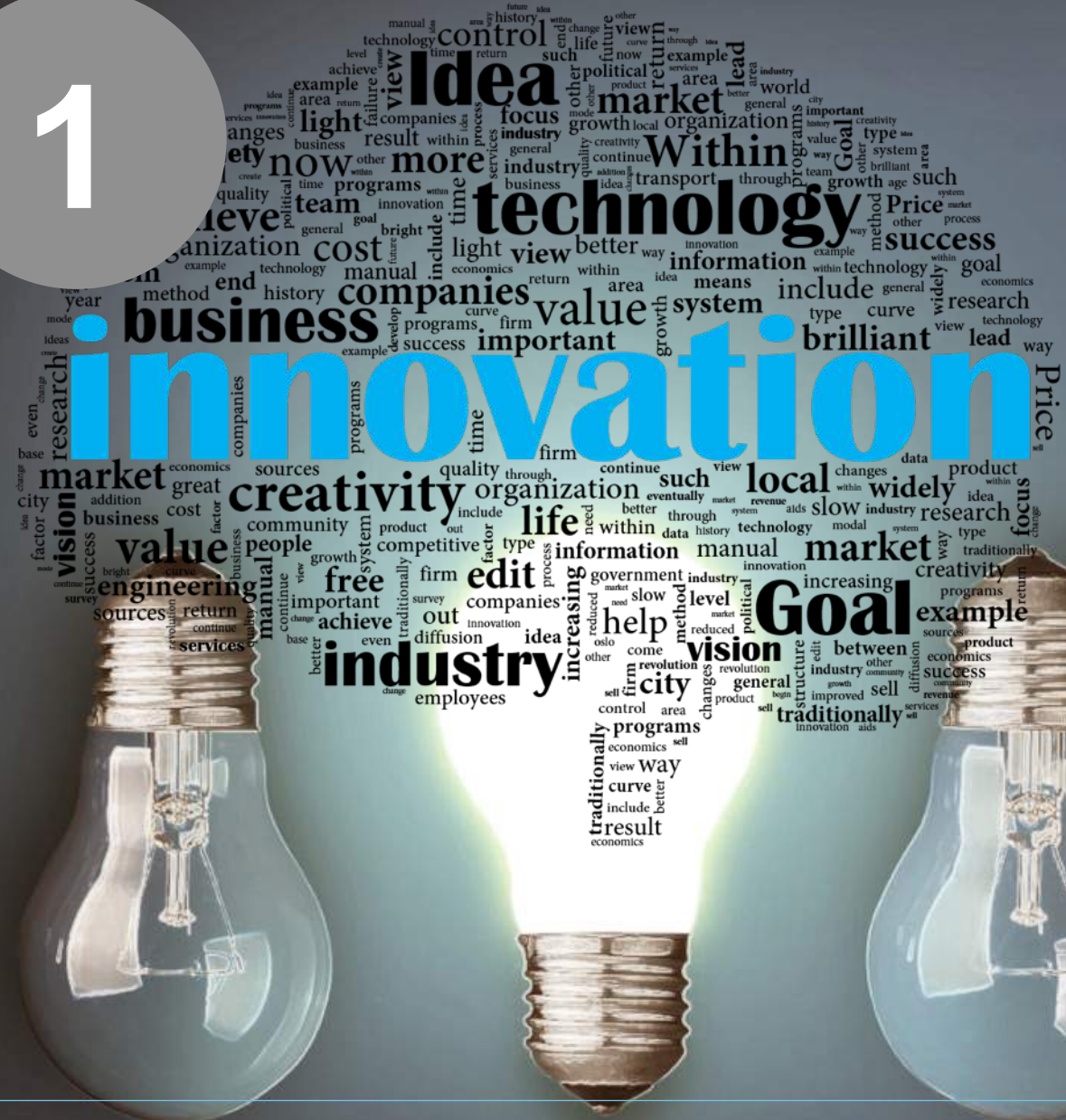
Internal

**MAKE THINGS POSSIBLE**



**tieto**

1



≠ invention

# INNOVATION is...

## innovation

*noun* in·no·va·tion

1: the introduction of something new

2: a new idea, method, or device

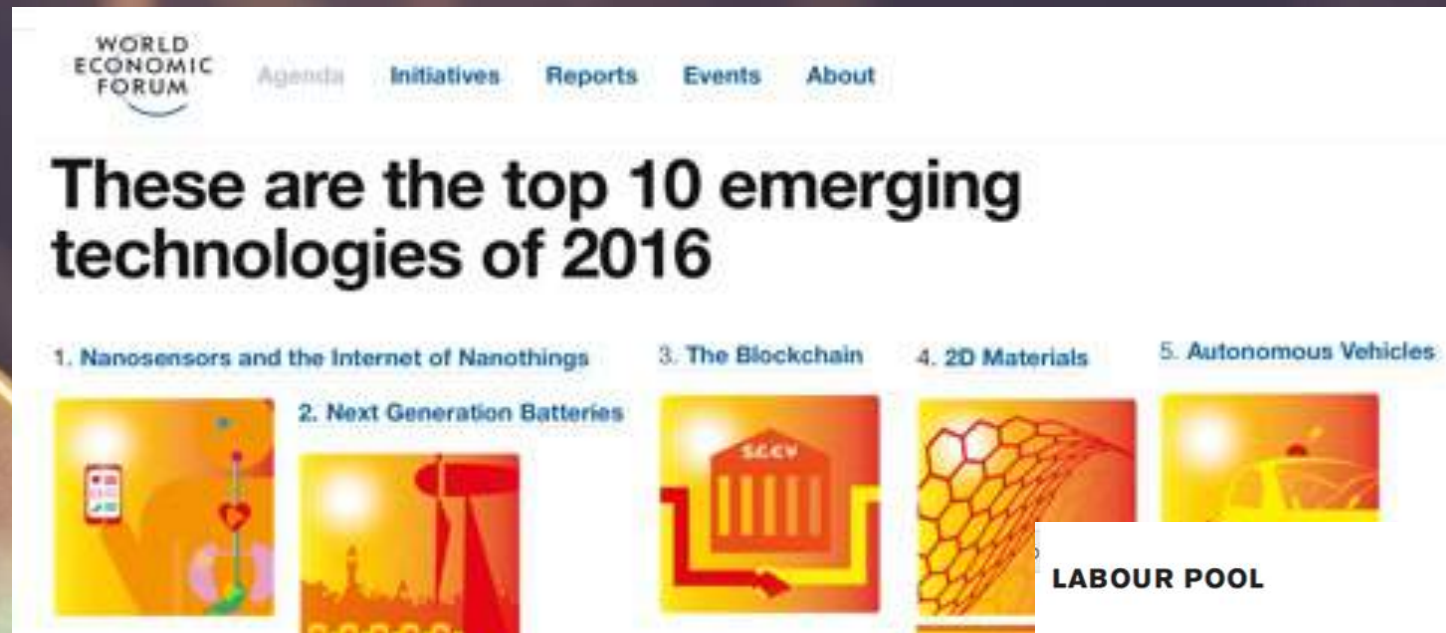
Merriam-Webster Dictionary  
2015 Merriam-Webster, Incorporated

“We define innovation as the successful implementation of creative ideas within an organization.”

-Theresa Amabile

Professor and Director of Research Harvard Business School

[Innovation](#)



WORLD ECONOMIC FORUM | Agenda | Initiatives | Reports | Events | About

## These are the top 10 emerging technologies of 2016

1. Nanosensors and the Internet of Nanothings
2. Next Generation Batteries
3. The Blockchain
4. 2D Materials
5. Autonomous Vehicles



Invest Lithuania | LET'S TALK LITHUANIA | FOCUS INDUSTRIES | STORIES TO SHARE

## Bloomberg: Lithuania leading the Baltics for innovation

January 21, 2016

In its latest innovation index, global data and media giant Bloomberg have ranked Lithuania top in the Baltics for innovation. Out of the 200 countries compared by Bloomberg's analysts, Lithuania ranks 32<sup>nd</sup> overall. Its Baltic neighbours Estonia and Latvia were ranked in 34<sup>th</sup> and 40<sup>th</sup> respectively.

The Bloomberg Innovation Index is based on the evaluation of a range of key criteria. These include R&D efficiency, manufacturing added-value, productivity, high-tech density and researcher concentration. Bloomberg rated Lithuania in the top 10 globally for 'tertiary efficiency', a measure based on factors such as enrolment in higher education and the number of graduates in key innovation sectors like engineering and science.

### LABOUR POOL

**66 853**

SPECIALISTS EMPLOYED IN ENGINEERING, MEDICAL & LIFE SCIENCES FIELDS

**40 725**

STUDENTS ENROLLED IN INNOVATION RELATED PROGRAMS IN 2015

**8 500**

GRADUATES IN INNOVATION RELATED PROGRAMS IN 2015

**24 470**

EMPLOYED IN R&D

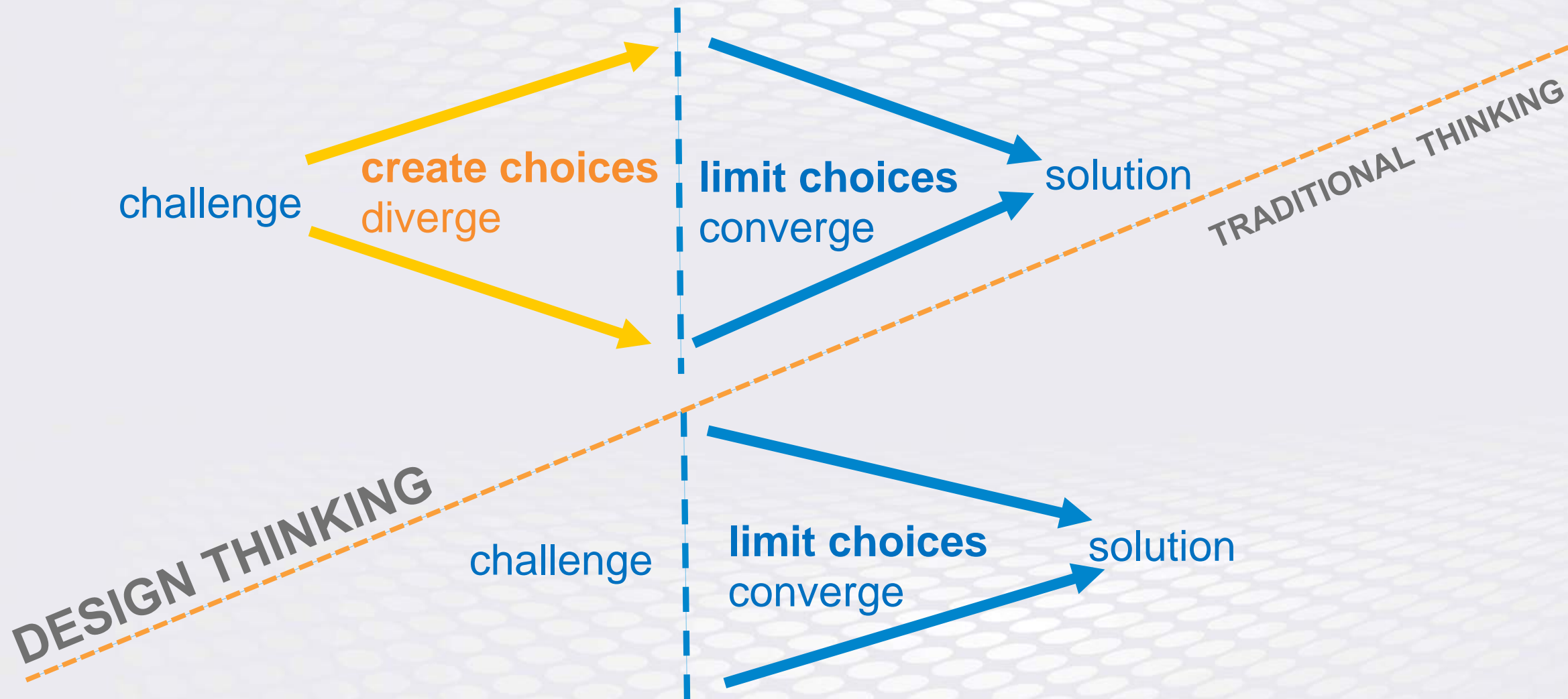
2



is a change



# THINK DIFFERENTLY



# DESIGN THINKING PROCESS

## INSPIRATION

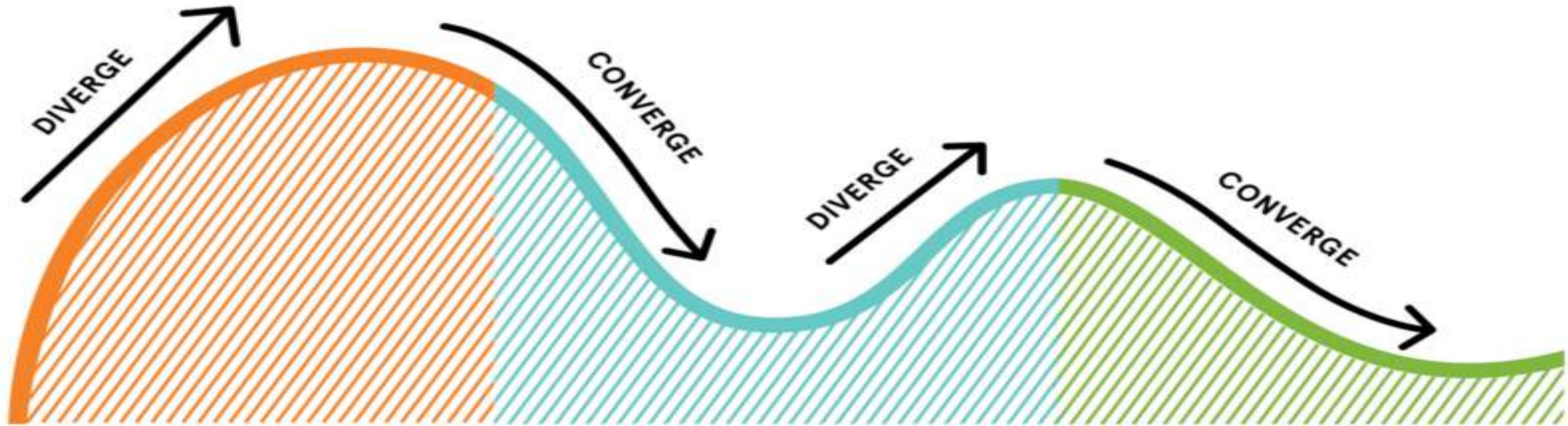
I have a design challenge.  
How do I get started?  
How do I conduct an interview?  
How do I stay human-centered?

## IDEATION

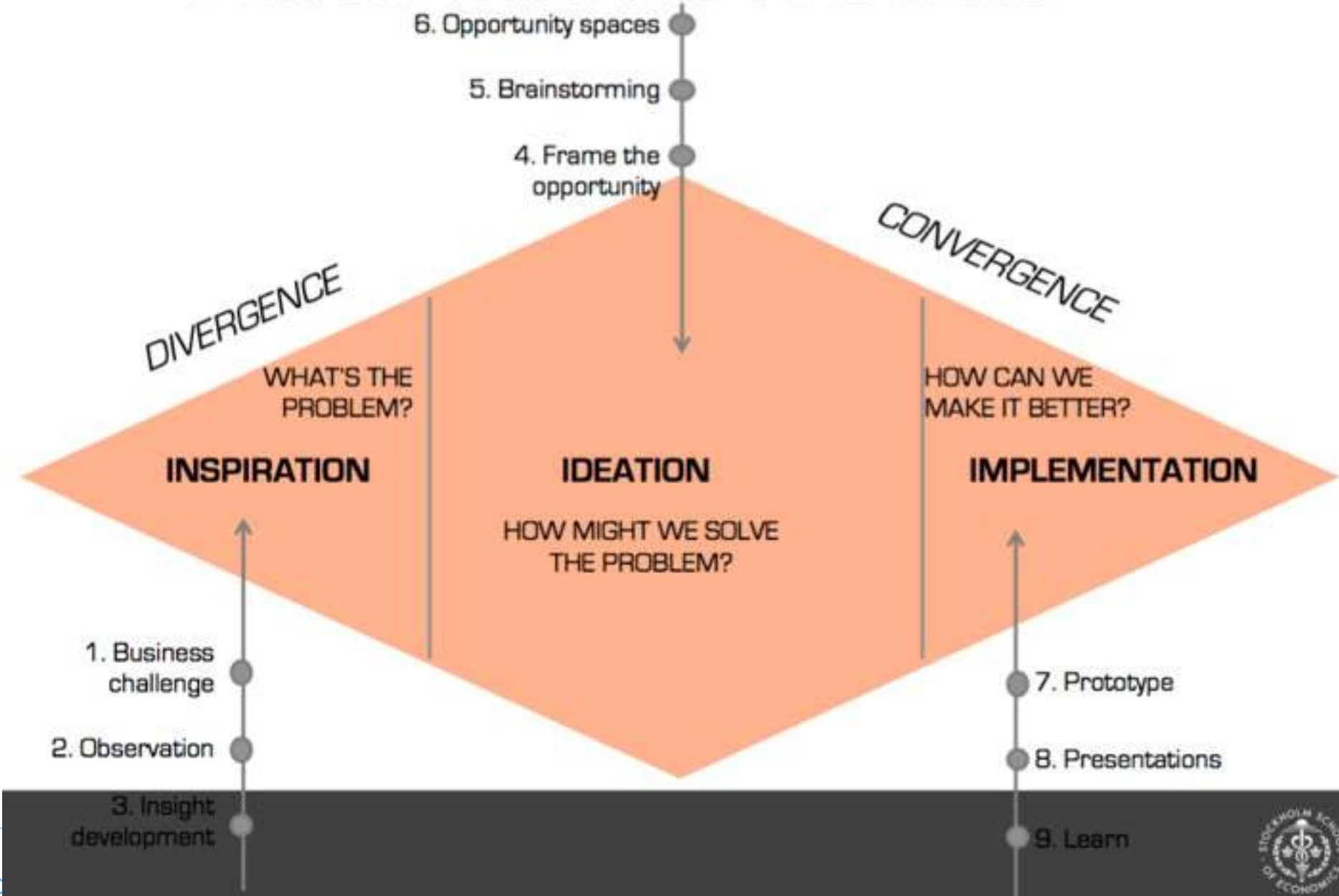
I have an opportunity for design.  
How do I interpret what I've learned?  
How do I turn my insights into tangible ideas?  
How do I make a prototype?

## IMPLEMENTATION

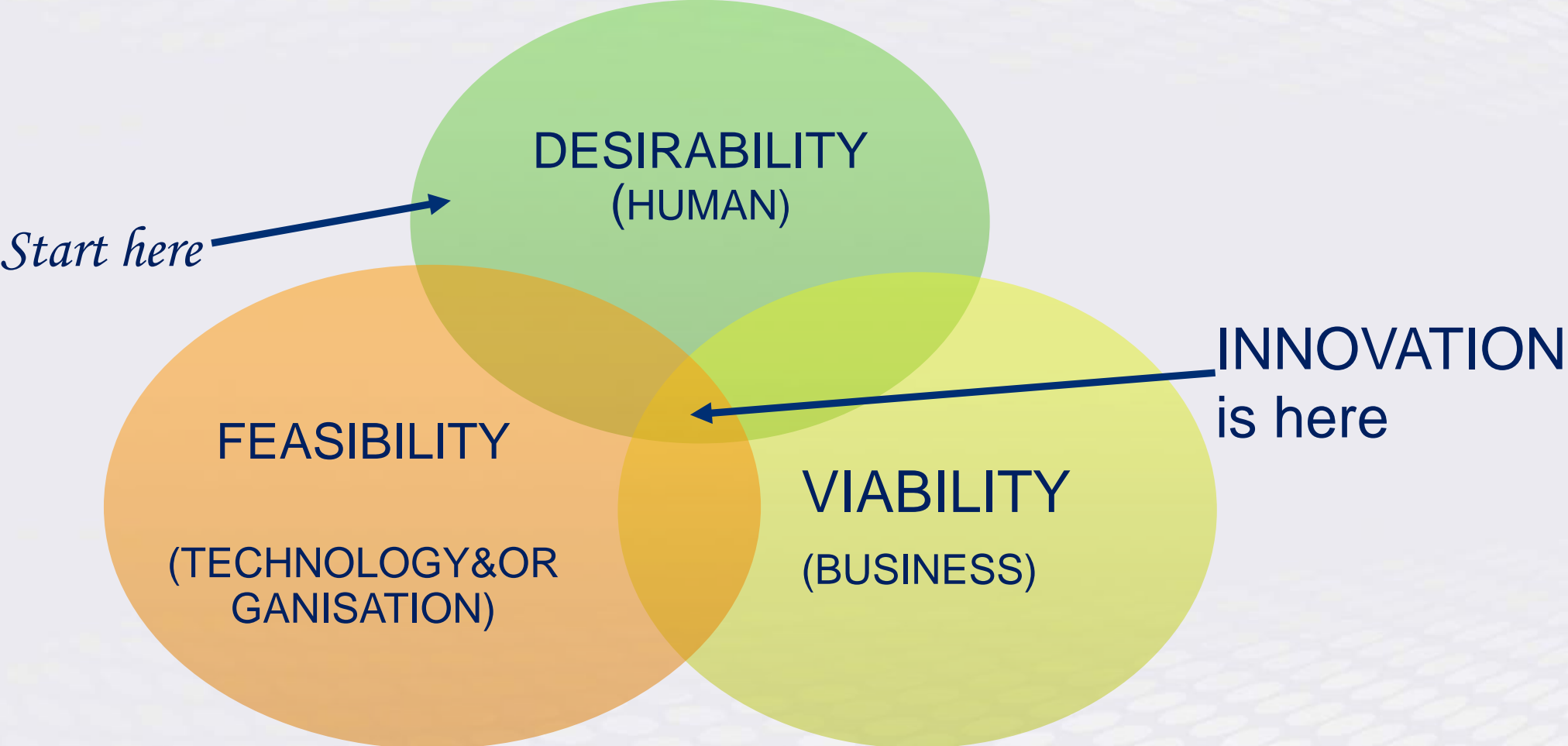
I have an innovative solution.  
How do I make my concept real?  
How do I assess if it's working?  
How do I plan for sustainability?



# DESIGN THINKING PROCESS



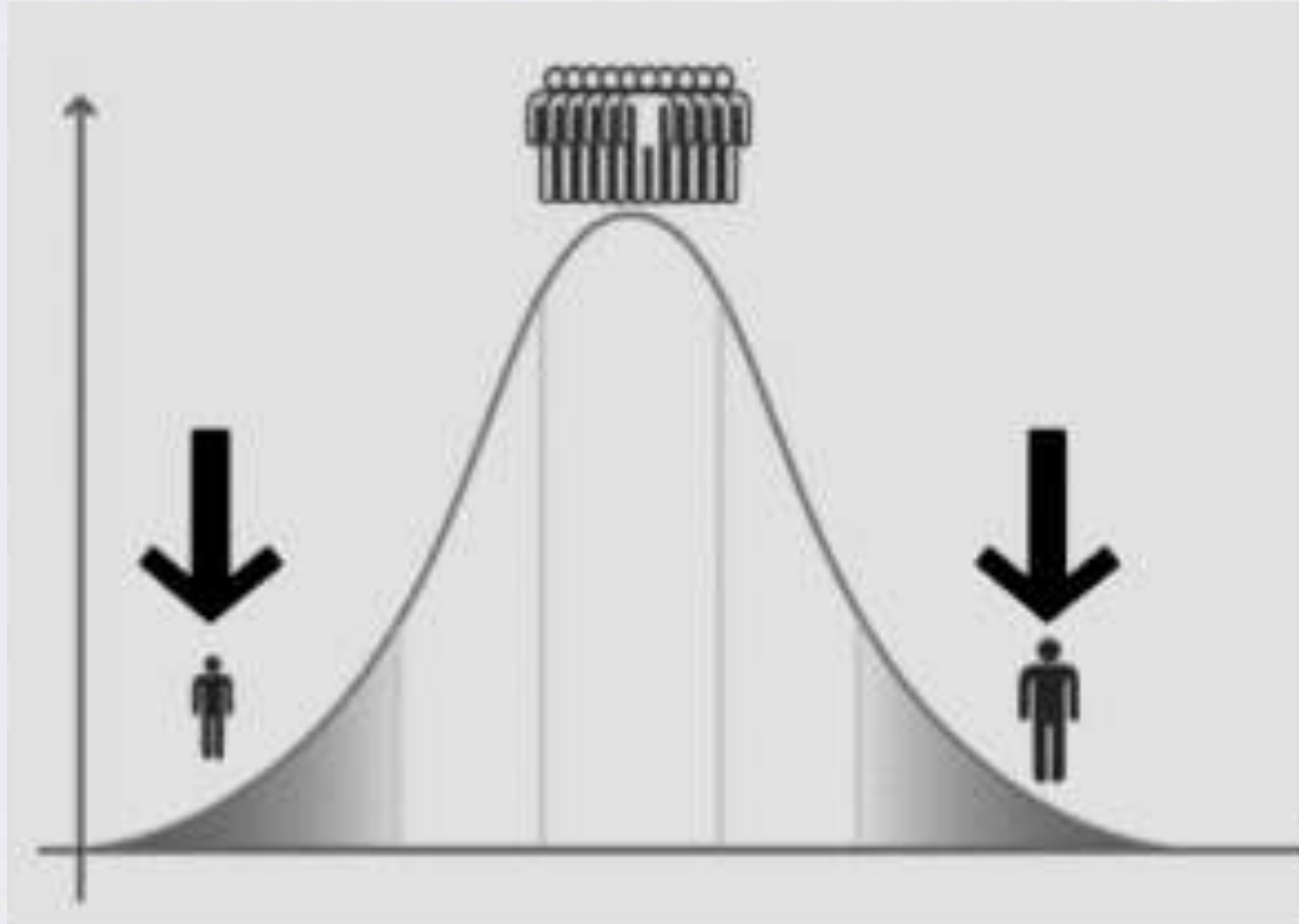
# HUMAN CENTERED PROCESS





# Extreme users = INNOVATION opportunities

*Study the extremes*



*Study the extremes*



3

Let's INNOVATE,  
it is ~~im~~POSSIBLE





Internal

#FINTECH  
@TIETOLITHUANIA



tieto

# *Design Thinking Process*

