

CBI A³ Schedule



CBI A3 Jam - Week

* Schedule is dynamic & subject to ongoing tweaks & updates

TIME START	Min	MONDAY	TIME START	Min	TUESDAY	TIME START	Min	WEDNESDAY	TIME START	Min	THURSDAY	TIME START	Min	FRIDAY	TIME START	Min	SATURDAY
		Introduction day			ideation day 1			ideation day 2			ideation day 3			ideation day 4			wrap up week 1
8:30:00 AM	30	Teaching Team Meeting 30 min	8:30:00 AM	30	IdeaSquare Curious Breakfast	8:30:00 AM	30	Teaching Team Meeting 30 min	8:30:00 AM	30	Teaching Team Meeting 30 min	8:30:00 AM	30	Teaching Team Meeting 30 min	8:30:00 AM	30	
9:00:00 AM	30		9:00:00 AM	30	9-9:15, warm up and instructions for the day	9:00:00 AM	30	9-9:15, warm up and instructions for the day	9:00:00 AM	30	9-9:15, warm up and instructions for the day	9:00:00 AM	30	9-9:15, warm up and instructions for the day	9:00:00 AM	30	
9:30:00 AM	30		9:30:00 AM	30	Ideation session 1: Future Scenarios (guest Design facilitator, Neal Stone)	9:30:00 AM	30	Knowledge Transfer office - overview of CERN technology	9:30:00 AM	30	CERN Coaches - briefing	9:30:00 AM	30	Ideation Session 7: Team Switches, facilitated ideation	9:30:00 AM	30	
10:00:00 AM	30	teaching team meeting 2hrs	10:00:00 AM	30		10:00:00 AM	30	Ideation session 3: SDG opportunity + CERN technology combined	10:00:00 AM	30	Ideation session 5: Card mix-up	10:00:00 AM	30		10:00:00 AM	30	Teaching Team Meeting 30 min
10:30:00 AM	30		10:30:00 AM	30		10:30:00 AM	30		10:30:00 AM	30		10:30:00 AM	30		10:30:00 AM	30	Arrive and Instructions. 10:30-10:45 warm-up
11:00:00 AM	30		11:00:00 AM	30		11:00:00 AM	30		11:00:00 AM	30		11:00:00 AM	30		11:00:00 AM	30	ideas co-hack (some CERN coaches may be present)
11:30:00 AM	30		11:30:00 AM	30		11:30:00 AM	30		11:30:00 AM	30		11:30:00 AM	30		11:30:00 AM	30	
12:00:00 PM	30	Welcome to CBI A3 Jam & icebreaker exercise. CERN site tour	12:00:00 PM	30	Lunch	12:00:00 PM	30	Lunch	12:00:00 PM	30	Lunch	12:00:00 PM	30	Lunch	12:00:00 PM	30	
12:30:00 PM	30	Lunch at R1	12:30:00 PM	30		12:30:00 PM	30		12:30:00 PM	30		12:30:00 PM	30		12:30:00 PM	30	Lunch
1:00:00 PM	30		1:00:00 PM	30	Ideation session 2: SDG opportunity card starting point	1:00:00 PM	30		1:00:00 PM	30	idea development and prepration for pop-up	1:00:00 PM	30	idea development and prepration for pop-up	1:00:00 PM	30	
1:30:00 PM	30		1:30:00 PM	30		1:30:00 PM	30	Microcosm tour	1:30:00 PM	30		1:30:00 PM	30		1:30:00 PM	30	
2:00:00 PM	30		2:00:00 PM	30		2:00:00 PM	30		2:00:00 PM	30	2:10-3:10 Atlas Tour	2:00:00 PM	30		2:00:00 PM	30	
2:30:00 PM	30	Intro IdeaSquare & CERN	2:30:00 PM	30	2:30-5:30 SDG workshop discussion - Geneva Guerin	2:30:00 PM	30	2:00-3:30 Keynote: Markus Nordberg. Why we are here	2:30:00 PM	30	idea development and prepration for pop-up	2:30:00 PM	30		2:30:00 PM	30	
3:00:00 PM	30		3:00:00 PM	30		3:00:00 PM	30		3:00:00 PM	30		3:00:00 PM	30		3:00:00 PM	30	
3:30:00 PM	30		3:30:00 PM	30		3:30:00 PM	30		3:30:00 PM	30		3:30:00 PM	30		3:30:00 PM	30	
4:00:00 PM	30	2 week program introduction & technology-driven design process overview	4:00:00 PM	30		4:00:00 PM	30	short break	4:00:00 PM	30		4:00:00 PM	30		4:00:00 PM	30	present outcomes
4:30:00 PM	30	Set goals for week/s, how to curate conversations with people at CERN	4:30:00 PM	30		4:30:00 PM	30	Ideation session 4: CERN technology card starting point	4:30:00 PM	30	R1 Pop - Up CERN scientists/stakeholders & feedback on selection of ideas	4:30:00 PM	30	R1 Pop - Up CERN scientists/stakeholders & feedback on selection of ideas	4:30:00 PM	30	
5:00:00 PM	30		5:00:00 PM	30		5:00:00 PM	30		5:00:00 PM	30		5:00:00 PM	30		5:00:00 PM	30	
5:30:00 PM			5:30:00 PM		Finish, reflect, information for tomorrow	5:30:00 PM		Finish, reflect, information for tomorrow	5:30:00 PM		Finish, reflect, information for tomorrow	5:30:00 PM		Finish, information for tomorrow	5:30:00 PM		
		6:30pm food at IdeaSquare + create a community photo board			6-7pm, Open space, Knowledge Transfer hosting an event - welcome to join.			5:30pm onwards no kitchen access (due to cooking wise external event)			6:30 Students cook communal dinner at IdeaSquare				7:00 pm		FONDUE - "Drinking" Cheese in Geneva

CBI A3 Jam - Week 2

* Schedule is dynamic & subject to ongoing tweaks & updates

TIME START	Min	MONDAY	TIME START	Min	TUESDAY	TIME START	Min	WEDNESDAY	TIME START	Min	THURSDAY	TIME START	Min	FRIDAY
		New site: SDG solution space GENEVA: Idea converging			New site: SDG hackerspace GENEVA Idea converging			deeper exploration of 1 topic			presentations			reflections and capture Experience
8:30:00 AM	30		8:30:00 AM	30		8:30:00 AM	30	Teaching Team Meeting 30 min	8:30:00 AM	30	Teaching Team Meeting 30 min	8:30:00 AM	30	Teaching Team Meeting 30 min
9:00:00 AM	30	Teaching Team Meeting 30 min	9:00:00 AM	30	Teaching Team Meeting 30 min	9:00:00 AM	30	9-9:15, warm up and instructions for the day	9:00:00 AM	30	9-9:15, warm up and instructions for the day	9:00:00 AM	30	
9:30:00 AM	30	introduction to SDG solution space	9:30:00 AM	30	9:30-9:45, warm up and instructions for the day	9:30:00 AM	30	choose a POV statement	9:30:00 AM	30	team preparation	9:30:00 AM	30	9:30-9:45 warm-up
10:00:00 AM	30	developing ideas	10:00:00 AM	30	future scenarios & developing ideas	10:00:00 AM	30	PD6 - a 6 hour mini-hack session, developing idea through prototyping	10:00:00 AM	30		10:00:00 AM	30	Reflections, next steps and goodbye to IdeaSquare, clean up
10:30:00 AM	30		10:30:00 AM	30		10:30:00 AM	30		10:30:00 AM	30		10:30:00 AM	30	
11:00:00 AM	30		11:00:00 AM	30		11:00:00 AM	30		11:00:00 AM	30		11:00:00 AM	30	
11:30:00 AM	30		11:30:00 AM	30		11:30:00 AM	30		11:30:00 AM	30		11:30:00 AM	30	
12:00:00 PM	30	UN Office Tour	12:00:00 PM	30		12:00:00 PM	30		12:00:00 PM	30		12:00:00 PM	30	Lunch @ IdeaSquare
12:30:00 PM	30	lunch	12:30:00 PM	30	lunch	12:30:00 PM	30	Lunch	12:30:00 PM	30	Lunch	12:30:00 PM	30	
1:00:00 PM	30		1:00:00 PM	30		1:00:00 PM	30		1:00:00 PM	30		1:00:00 PM	30	
1:30:00 PM	30	1:30-1:45pm, warm up after lunch	1:30:00 PM	30	1:45-2:45 SDG 2030 presentation - Kali Taylor	1:30:00 PM	30		1:30:00 PM	30	team preparation	1:30:00 PM	30	
2:00:00 PM	30		2:00:00 PM	30		2:00:00 PM	30		2:00:00 PM	30		2:00:00 PM	30	
2:30:00 PM	30	developing ideas	2:30:00 PM	30		2:30:00 PM	30		2:30:00 PM	30		2:30:00 PM	30	
3:00:00 PM	30		3:00:00 PM	30	developing ideas	3:00:00 PM	30		3:00:00 PM	30		3:00:00 PM	30	
3:30:00 PM	30		3:30:00 PM	30		3:30:00 PM	30		3:30:00 PM	30		3:30:00 PM	30	
4:00:00 PM	30		4:00:00 PM	30		4:00:00 PM	30		4:00:00 PM	30		4:00:00 PM	30	
4:30:00 PM	30		4:30:00 PM	30		4:30:00 PM	30	demonstrate PD6 outcome	4:30:00 PM	30		4:30:00 PM	30	
5:00:00 PM	30		5:00:00 PM	30		5:00:00 PM	30	Idea Square feedback	5:00:00 PM	30		5:00:00 PM	30	
5:30:00 PM		Finish, reflect, information for tomorrow	5:30:00 PM		Finish, reflect, information for tomorrow	5:30:00 PM		Finish, reflect, information for tomorrow	5:30:00 PM	30	Finish	5:30:00 PM		
									6:00:00 PM	30	celebration dinner			

Live Schedule: CERN format, Indigo

<https://indico.cern.ch/event/771506/timetable/>

MONDAY, 26 NOVEMBER



12:00	→ 13:00	Welcome - Introduction, Instructions & icebreaker exercise. CERN site tour	🕒 1h 📍 3179-R-E06	
13:00	→ 14:30	Lunch at R1	🕒 1h 30m 📍 Restaurant 1 ()	
14:30	→ 16:30	Intro IdeaSquare & CERN	🕒 2h 📍 3179-R-E06	
16:00	→ 17:00	2 week Program & Technology-driven design process overview	🕒 1h 📍 3179-R-E06	
17:00	→ 18:30	Set goals for week/s, and prepare: how to curate conversations with people at CERN	🕒 1h 30m 📍 3179-R-E06	
18:30	→ 19:30	Food at IdeaSquare + Create a community photo board	🕒 1h 📍 3179-R-E06	

TUESDAY, 27 NOVEMBER



08:30	→ 09:00	IdeaSquare Curious Breakfast	🕒 30m 📍 3179-R-E06	
09:00	→ 09:15	Warm-up and instructions for the day	🕒 15m 📍 3179-R-E06	
09:30	→ 12:30	Interactive workshop: Strategic innovation Speakers: Chris Thong (Swinburne University, Design Factory Melbourne), Harri Toivonen (Helsinki University of Technology (FI)), Neal Stone (Leapstone Ltd.)	🕒 3h 📍 3179-R-E06	
12:30	→ 13:30	Lunch	🕒 1h	
13:30	→ 14:30	SDG rapid ideation session	🕒 1h 📍 3179-R-E06	
14:30	→ 17:30	Interactive workshop on SDG's and systemic change Speaker: Geneva Guerin	🕒 3h 📍 3179-R-E06	
17:30	→ 18:00	Finish, reflect, information for tomorrow	🕒 30m 📍 3179-R-E06	



CBI jam 2018

Daily warm-ups, run by you!

End of day reflections

1 hour lunch break

**Mixture of presentations & team time
(structured & freestyle)**

Warm-up schedule



Tues 26th - Team Spring

Wed 27th - Team Oceans5

Thurs 28th - Team Quata

Fri 29th - Team CB-neath

Sat 30th - Teaching team

CERN coaches

Each team has 1 x coach

Team allocation & briefing on Thursday

The CBI A³ coaches have been invited to the curious breakfast...

Remember: they are CERN fellows, not CERN technology experts. They bring a different perspective to your team & may help connect you with other experts

Purpose of the 2 weeks:

Understand IdeaSquare CERN context

Inspiration, & diverse perspectives

Practice innovation mindset, curiosity & experimentation

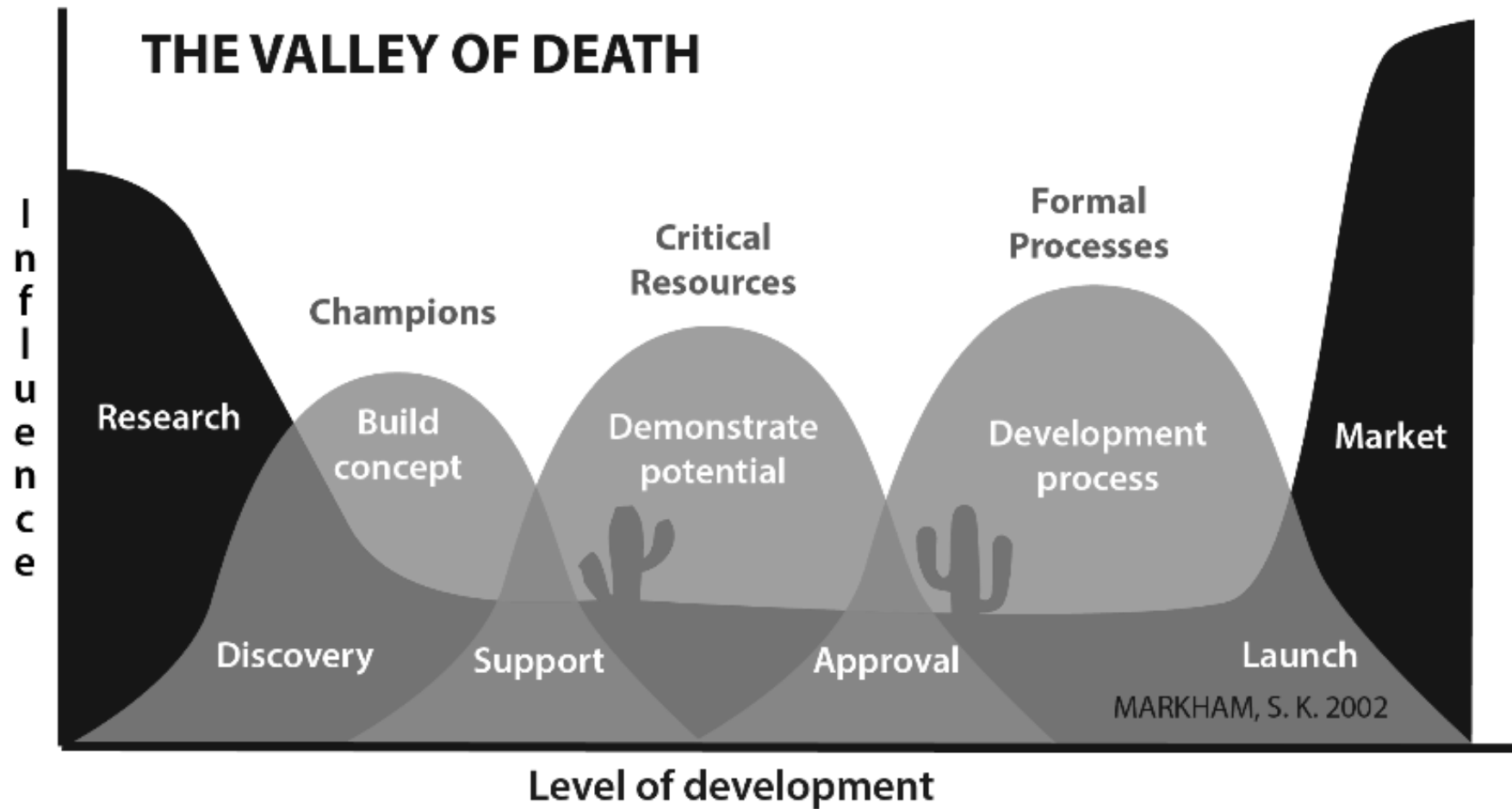
Accelerate of project, learn, learn, learn

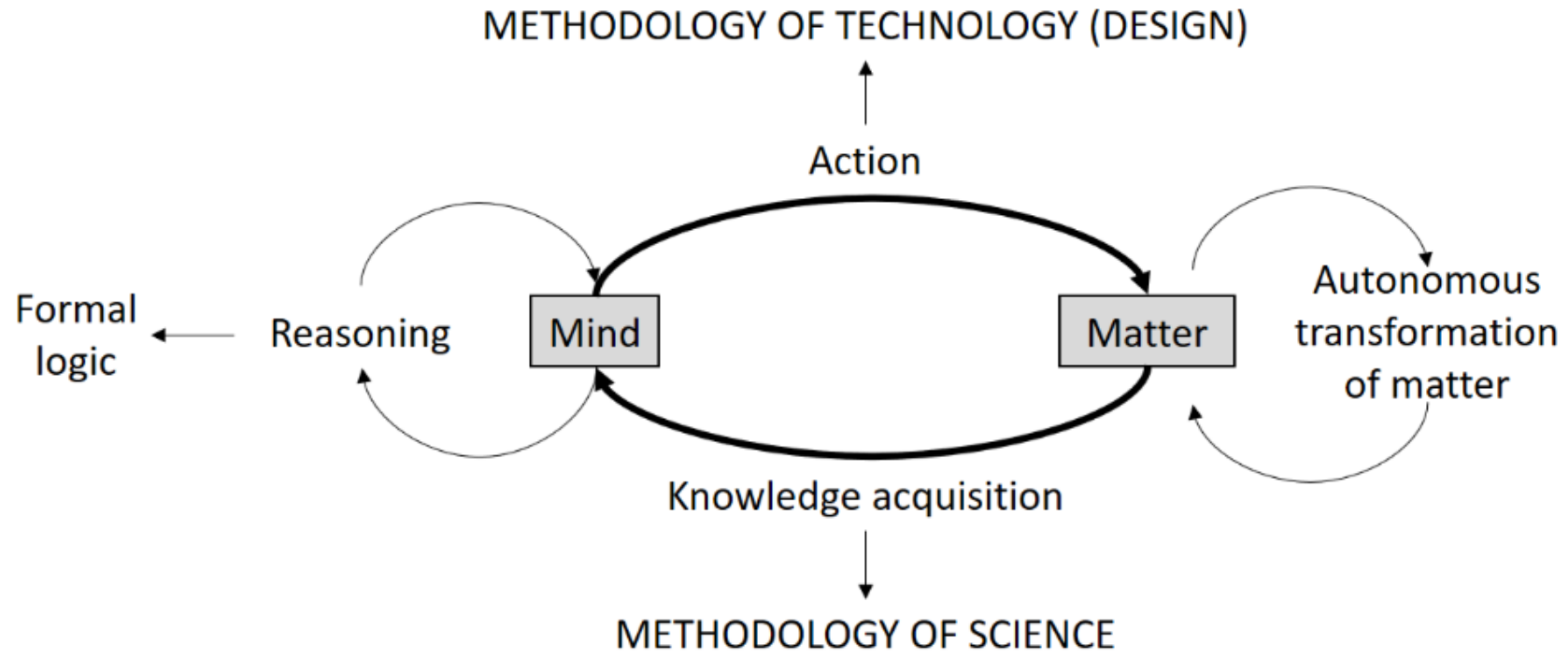
Generate lots of project ideas



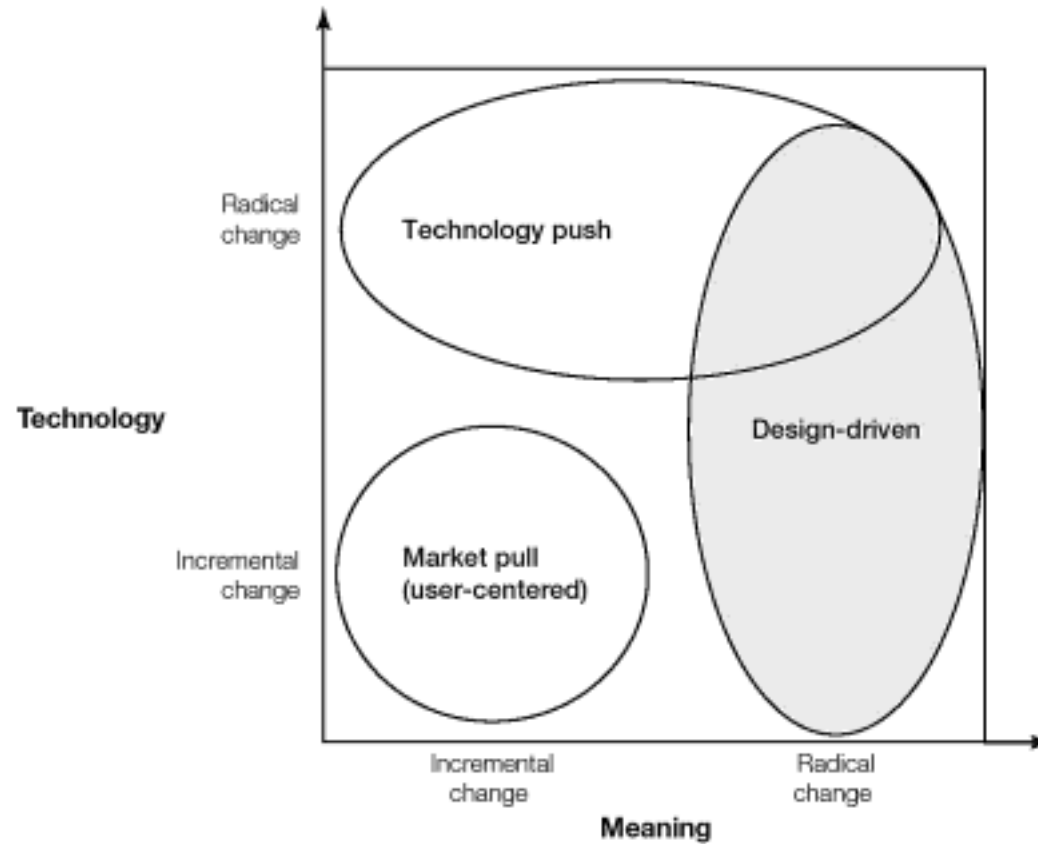
CBI A³ Design Innovation







The strategy of design-driven innovation as the radical change of meanings



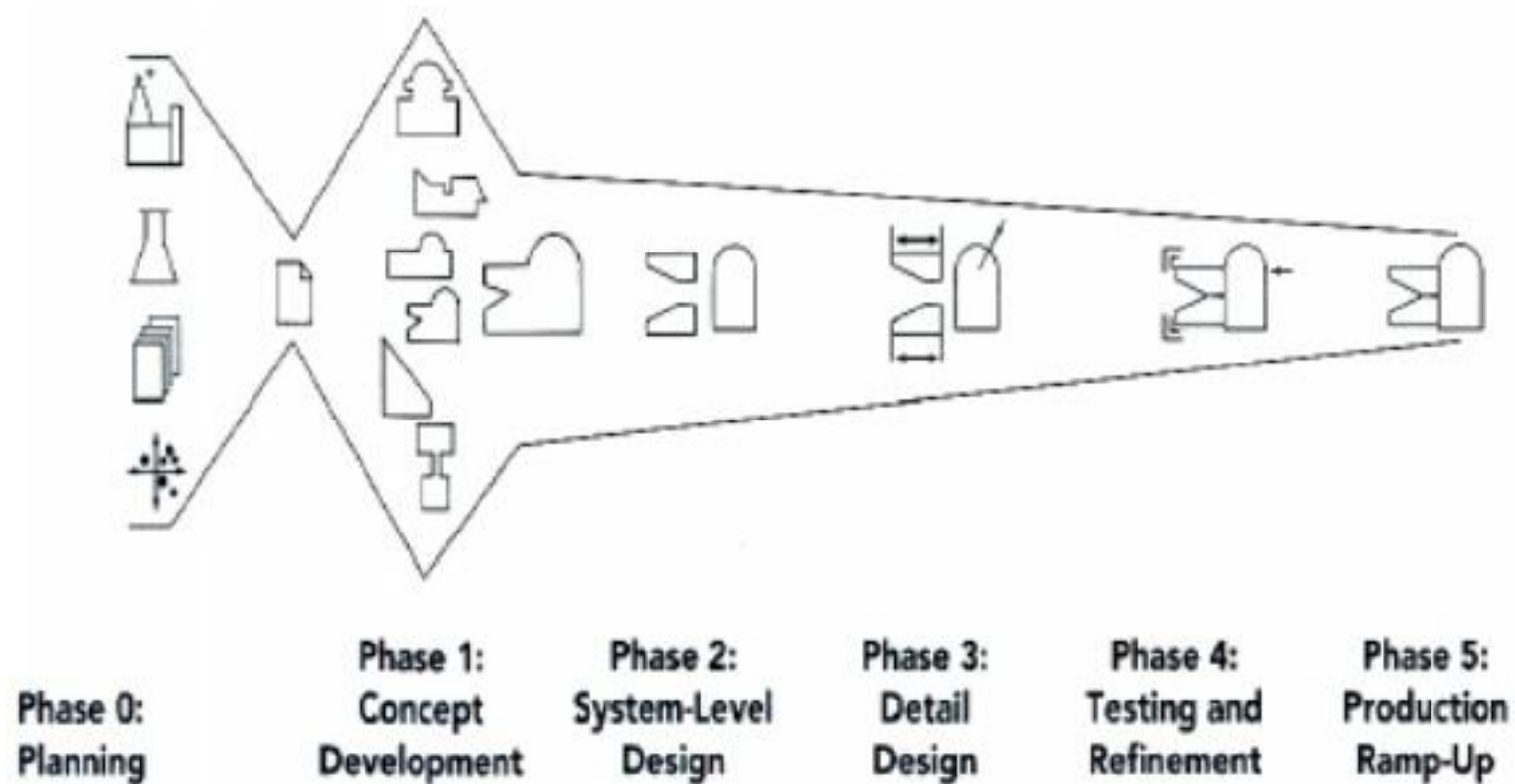
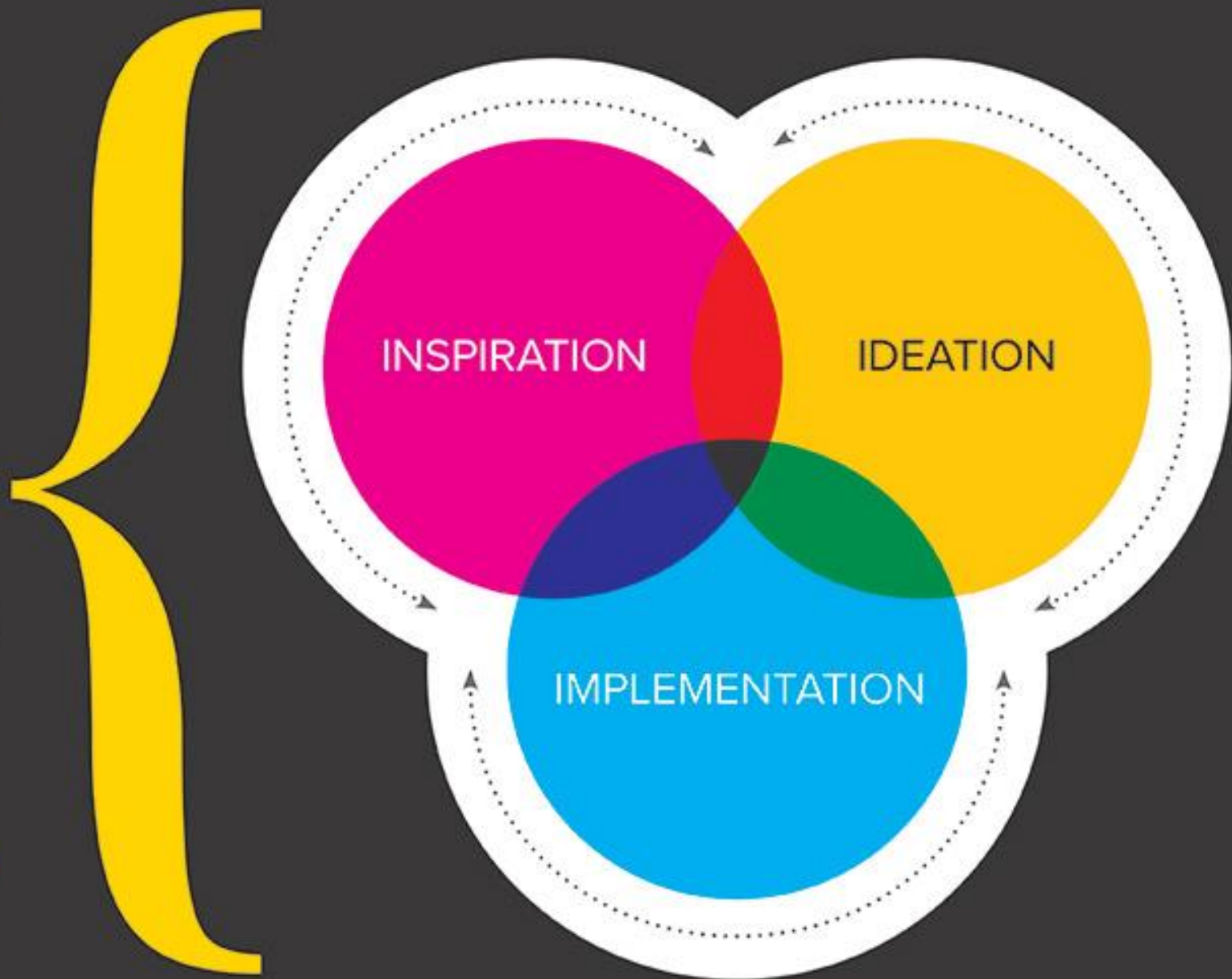


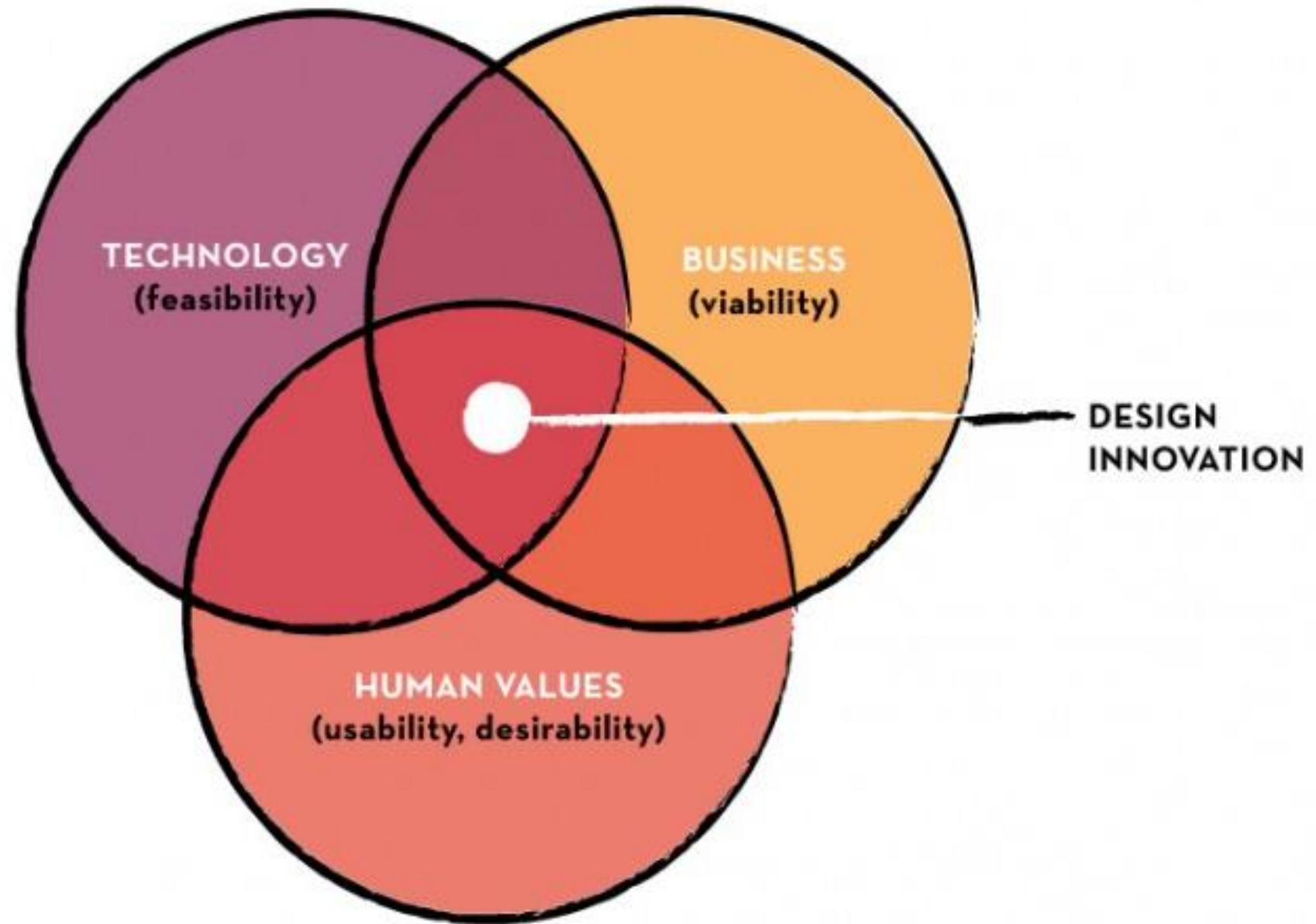
Figure 5 A generic product development process reproduced from *Product Design and Development*, 5th Ed. by Ulrich and Eppinger

“Design thinking
is an approach to
problem-solving in
which inspiration,
ideation and
implementation
occur not in sequence
but as ‘a system of
overlapping spaces.’”

Tim Brown
IDEO President

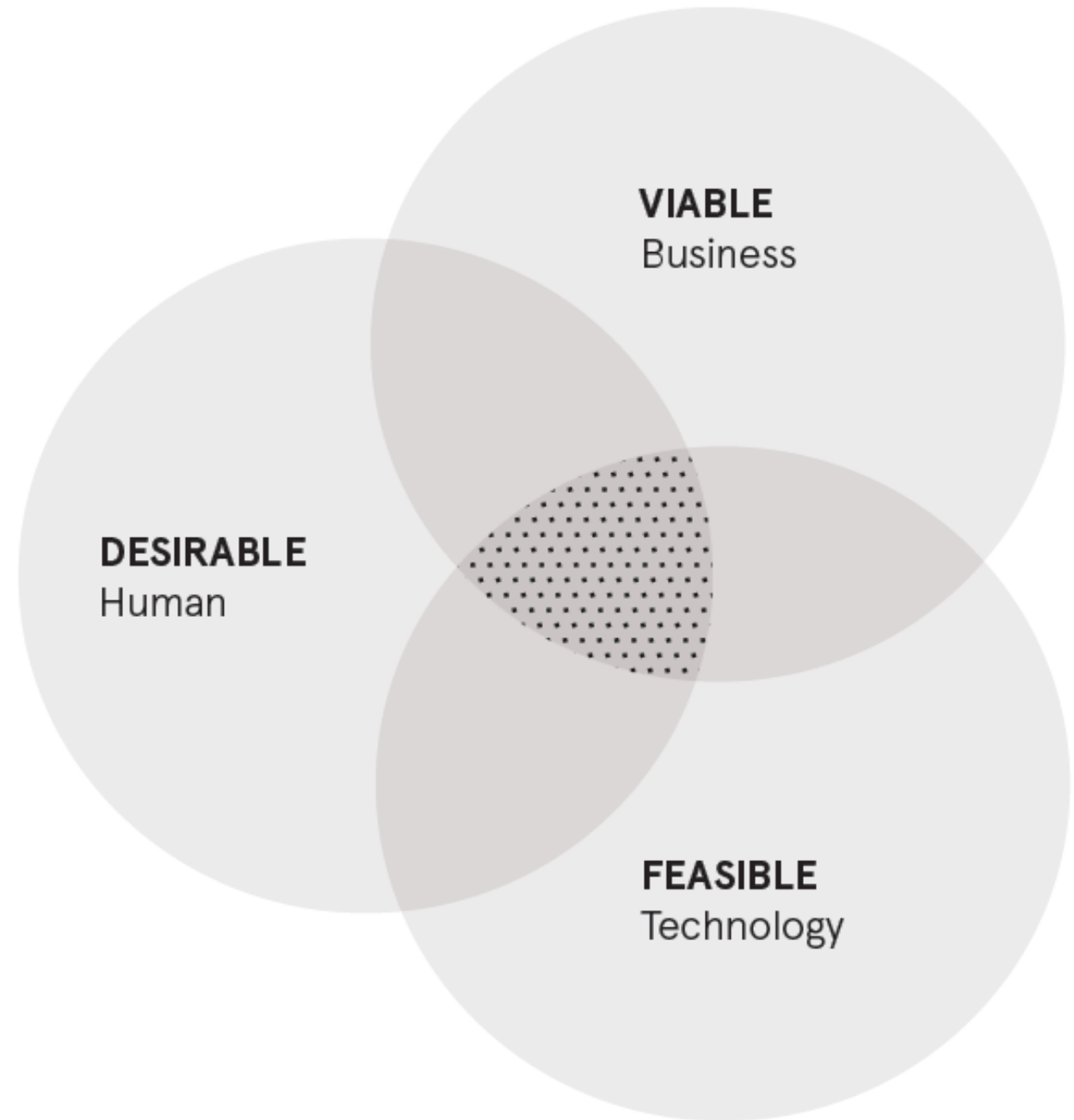


WHAT IS DESIGN THINKING?

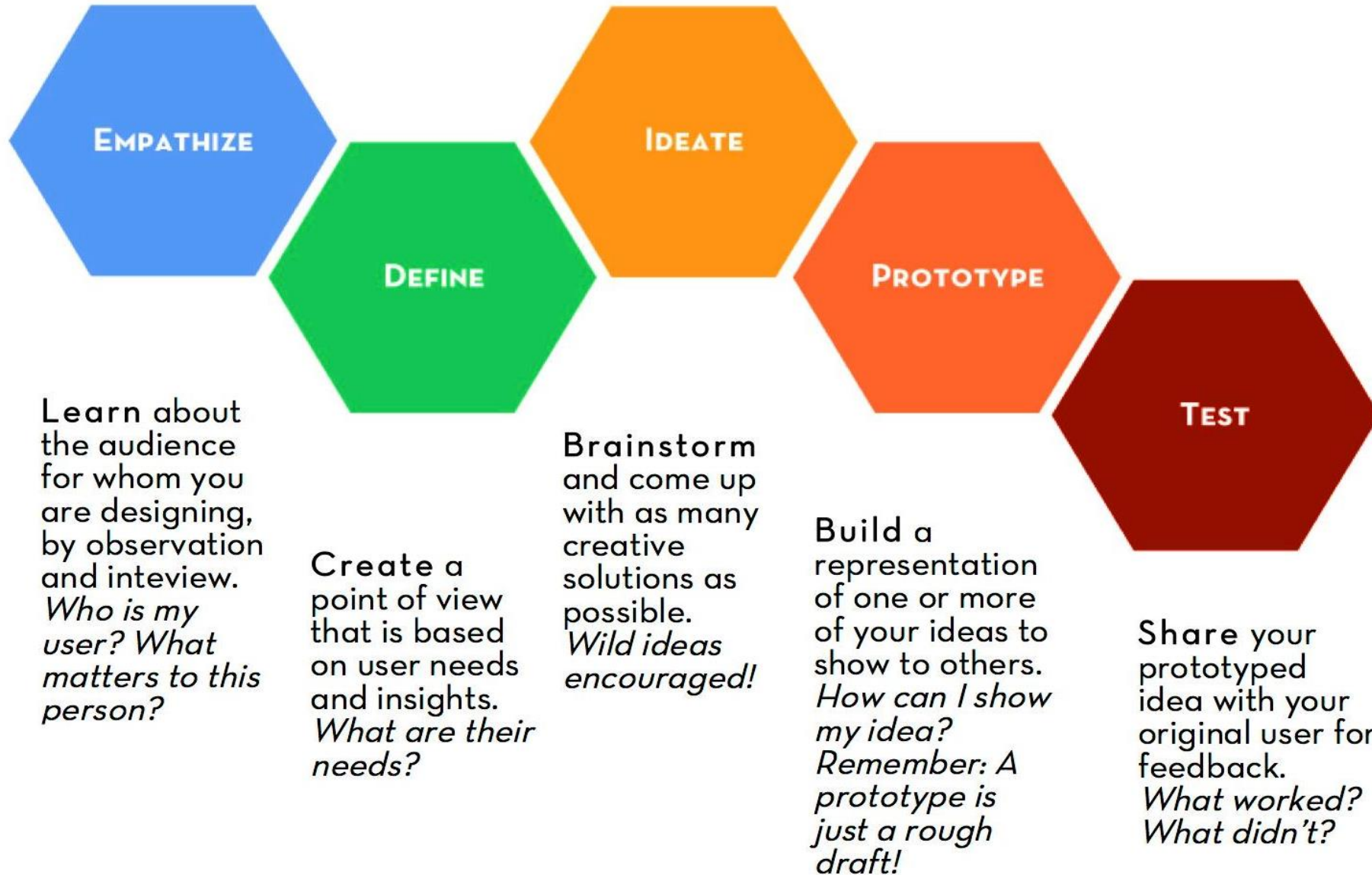


WHAT IS DESIGN THINKING?

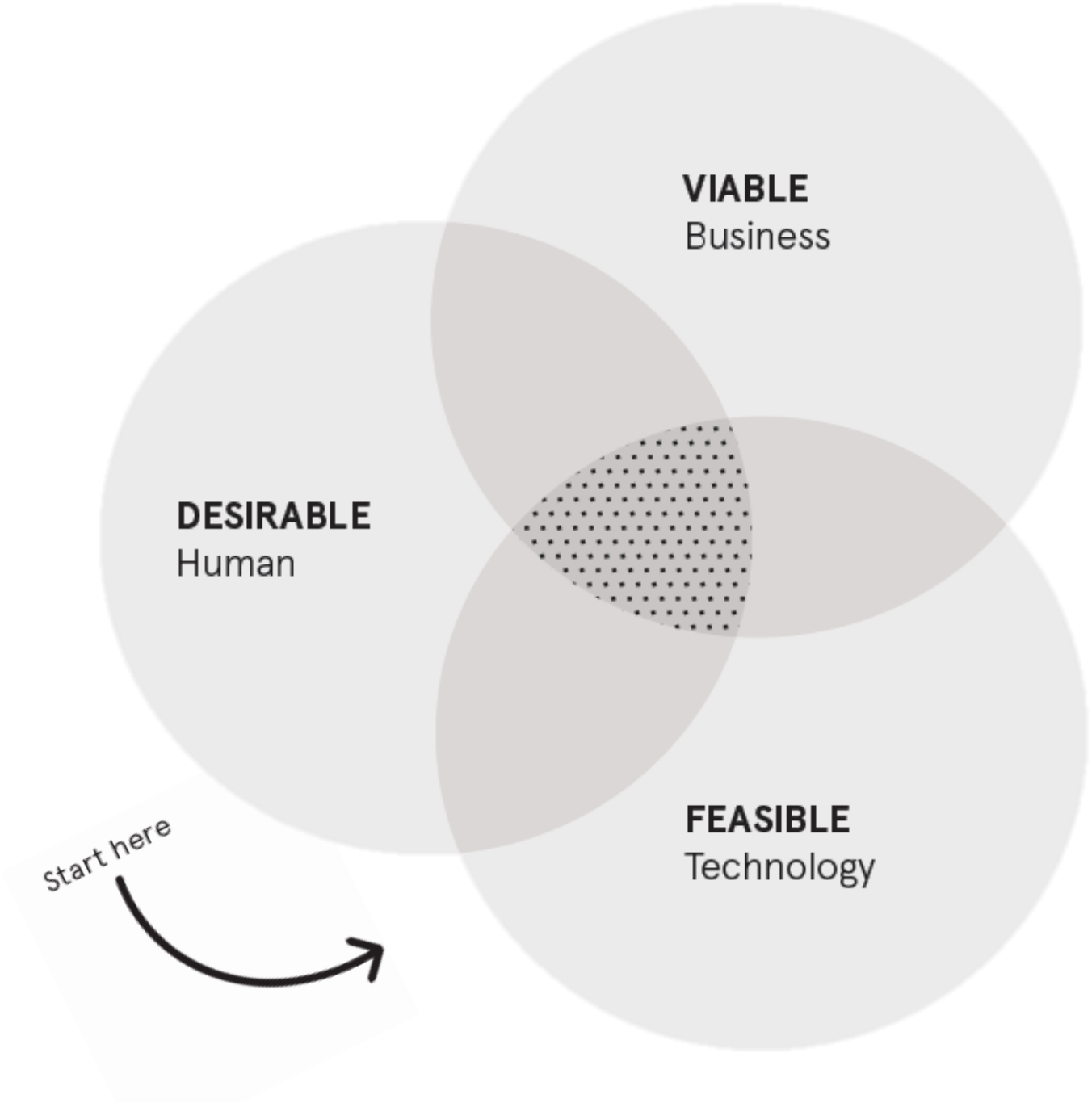
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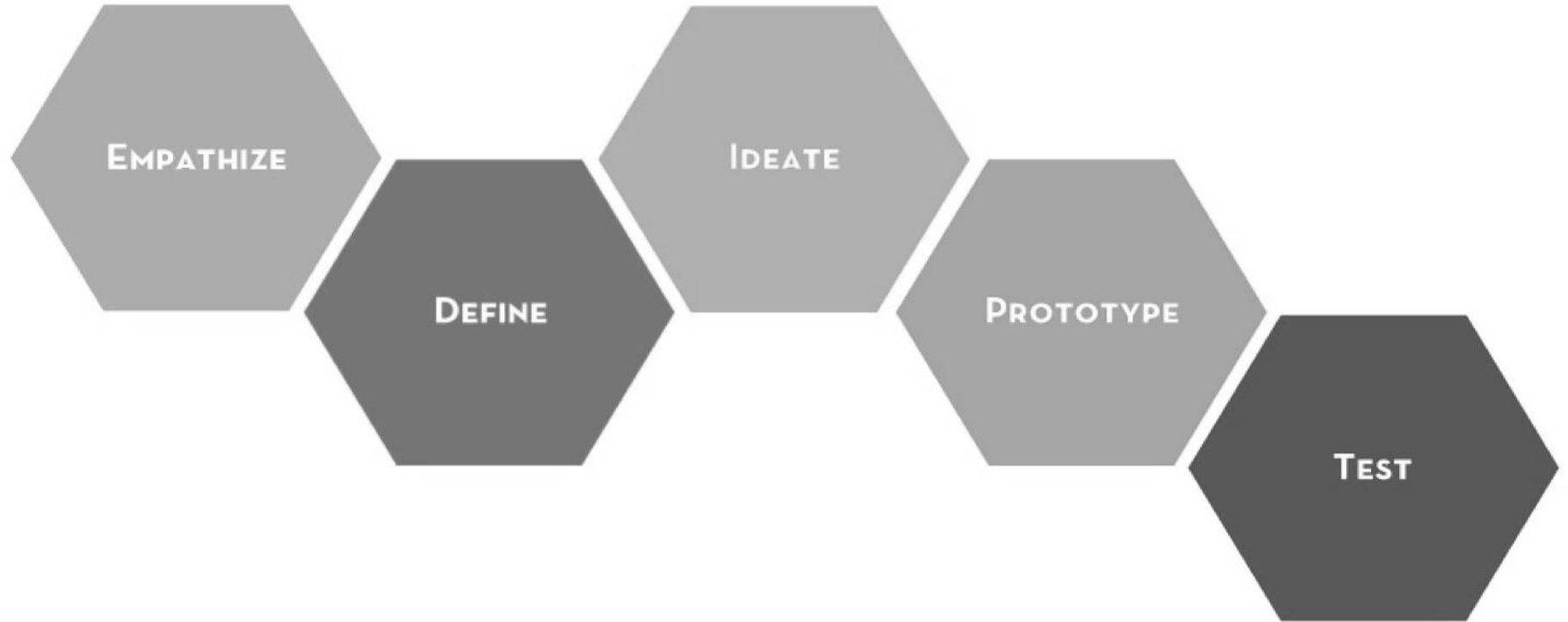
EXAMPLES OF PROCESSES

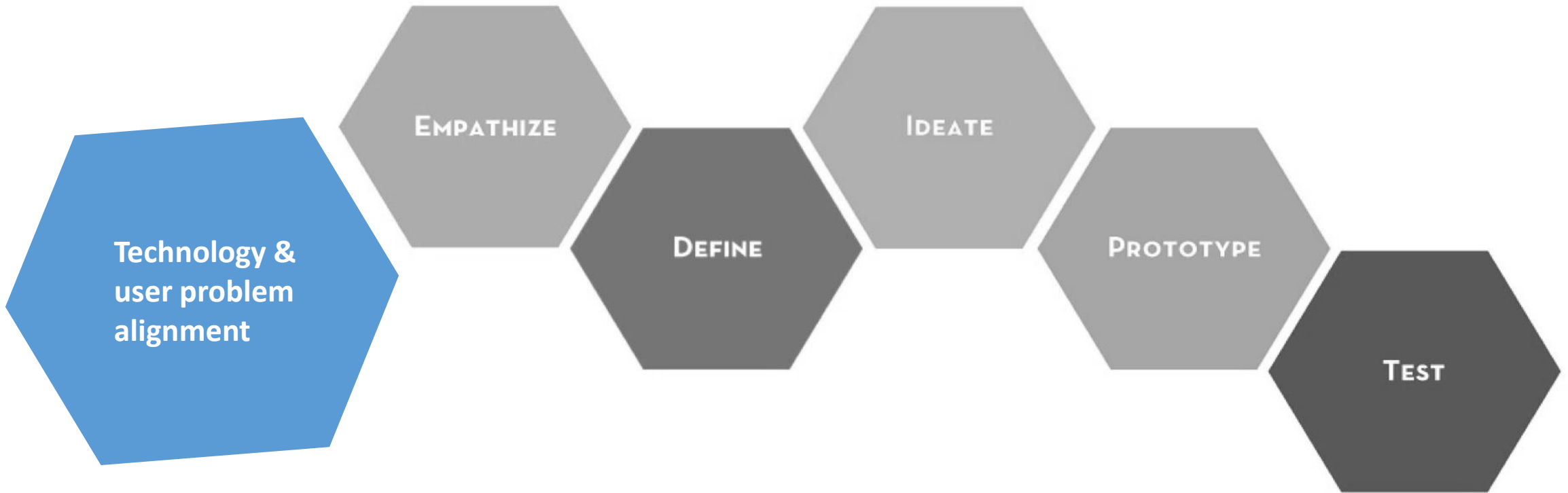


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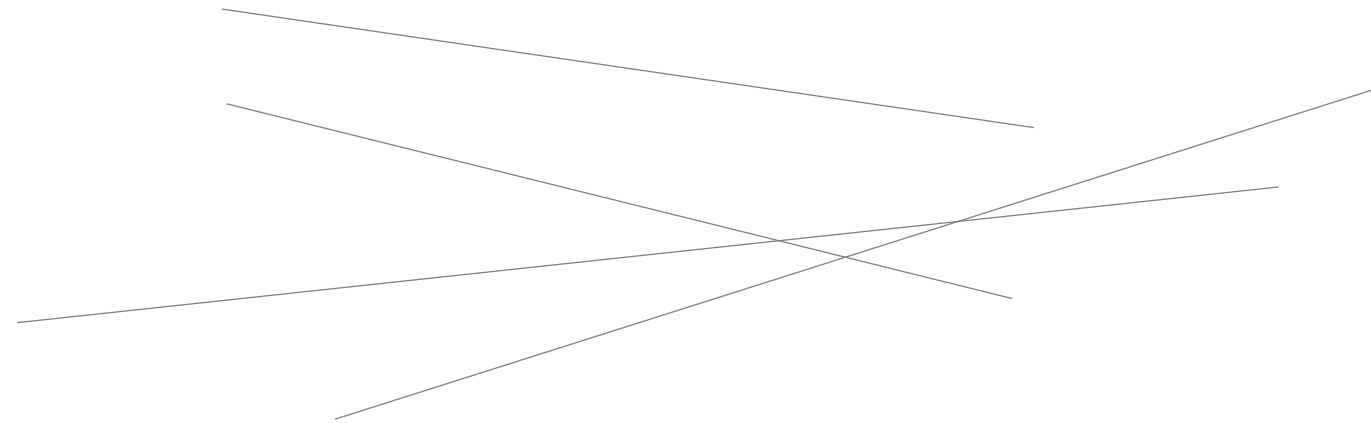
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CBI A³ Phase1. Connections:

Identified
problems

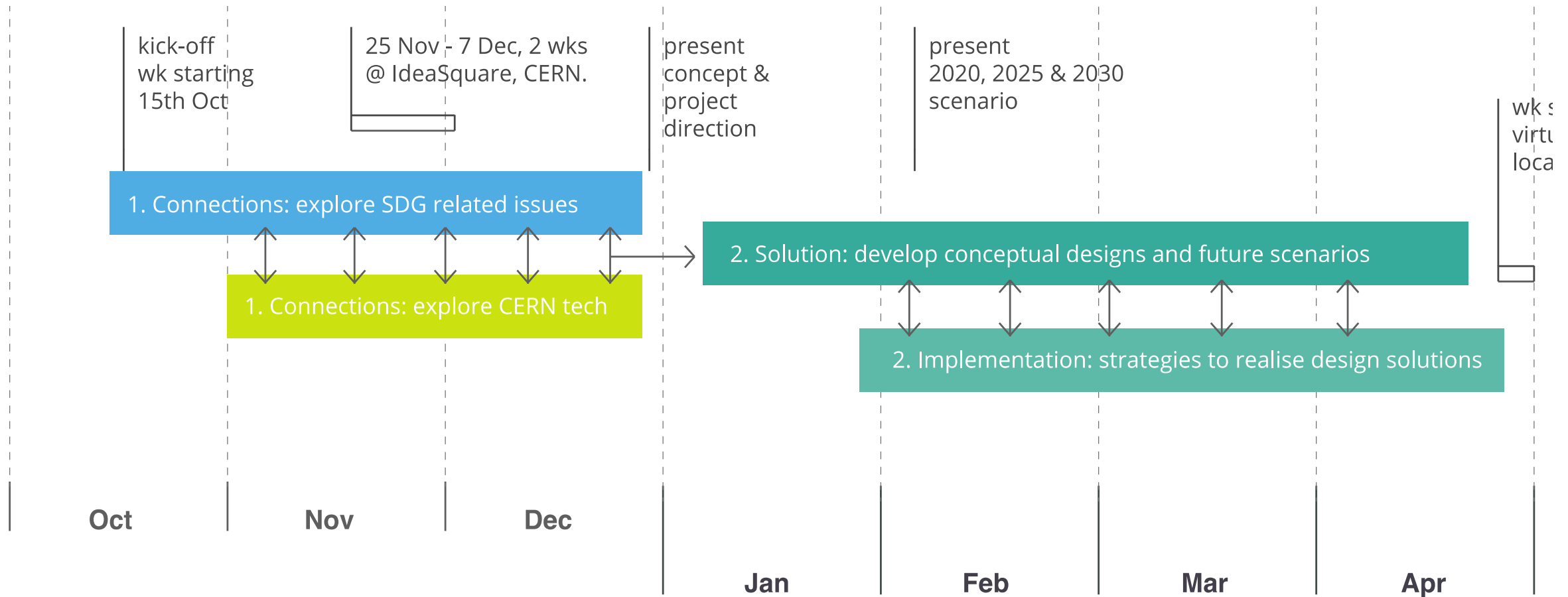


CERN
technology

Outcome:

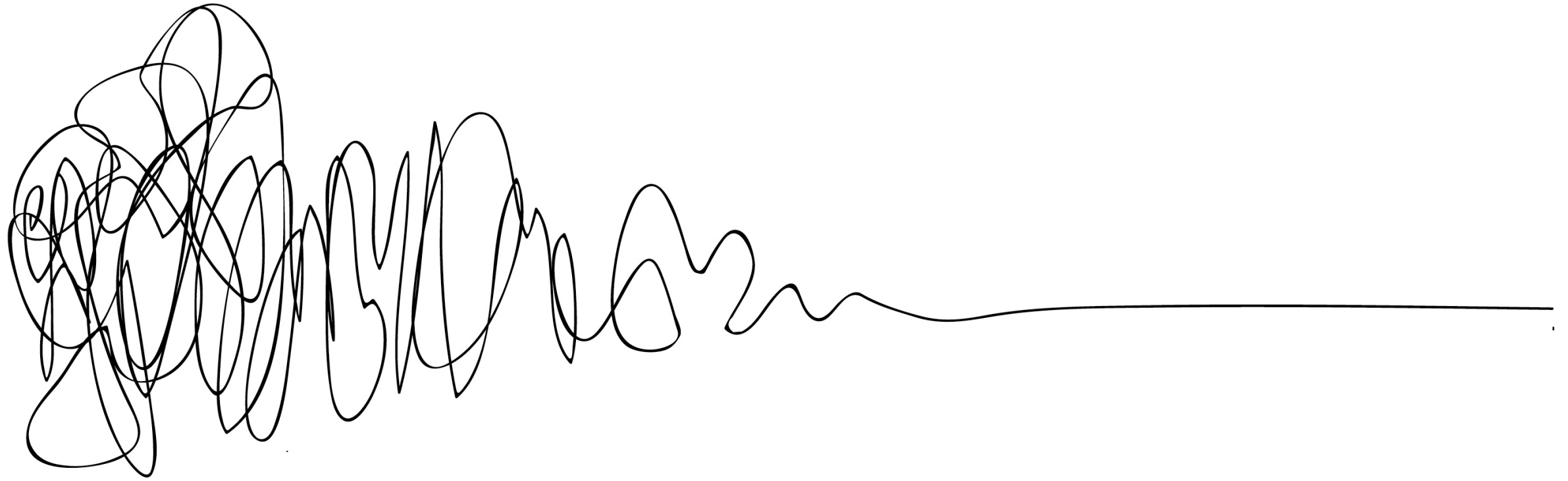
define project direction – local challenge related to a water SDG with scope for CERN tech in the solution

CBI A³



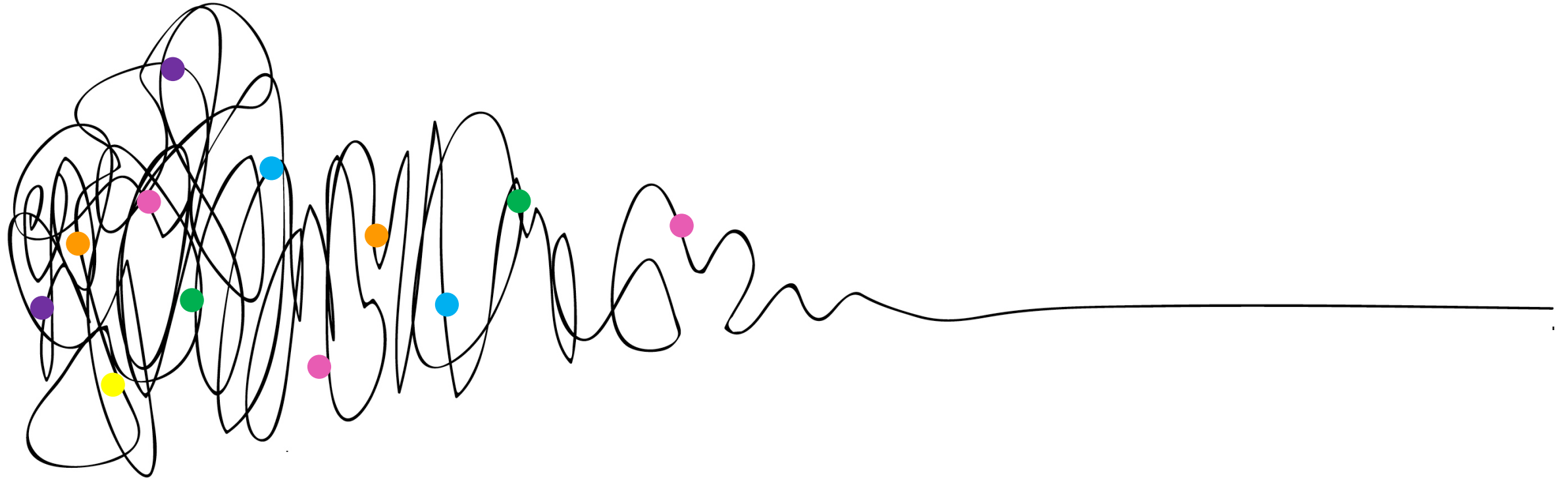
Uncertainty / patterns / insights

Clarity / Focus



Uncertainty / patterns / insights

Clarity / Focus



Phase 1: connections

Phase 2: Solutions & implementation