ROMA, 2024

## Focusing on The "Right" Priorities na Time of FUX

GULAY OZKAN www.gulayozkan.com

CONTEXT of MY WORK

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### How We Develop Technology and Its Interaction with Humans

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Consultancy

Investment

**Advisory** 



Authentication Technologies













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#### **CLIENTS**

















































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#### Harvard Business Review



QUARTZ





















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#### **AWARDS**



DESIGN MANAGEMENT INSTITUTE Design Value Awards - Boston, USA 2nd Place - 2019



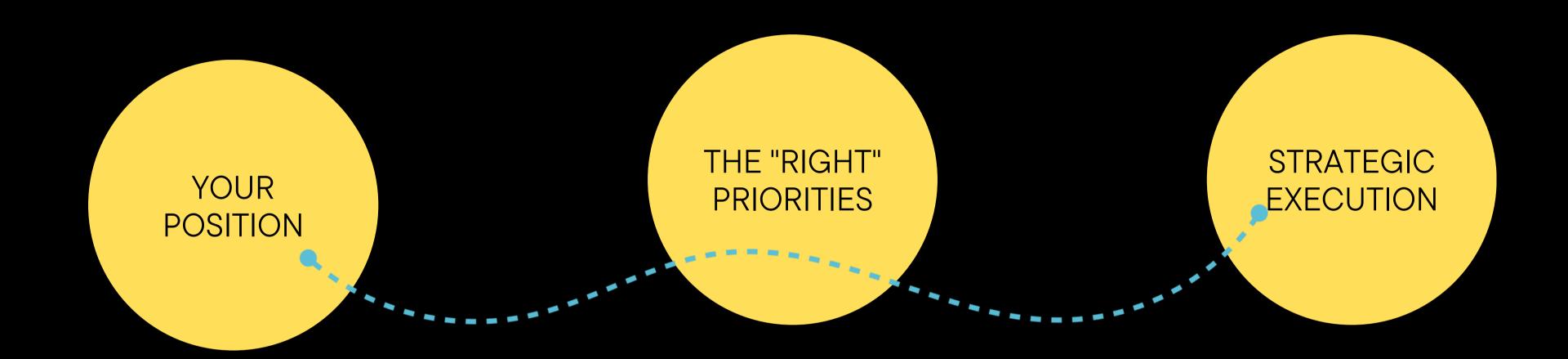
FAST COMPANY Female Founders 100 2020

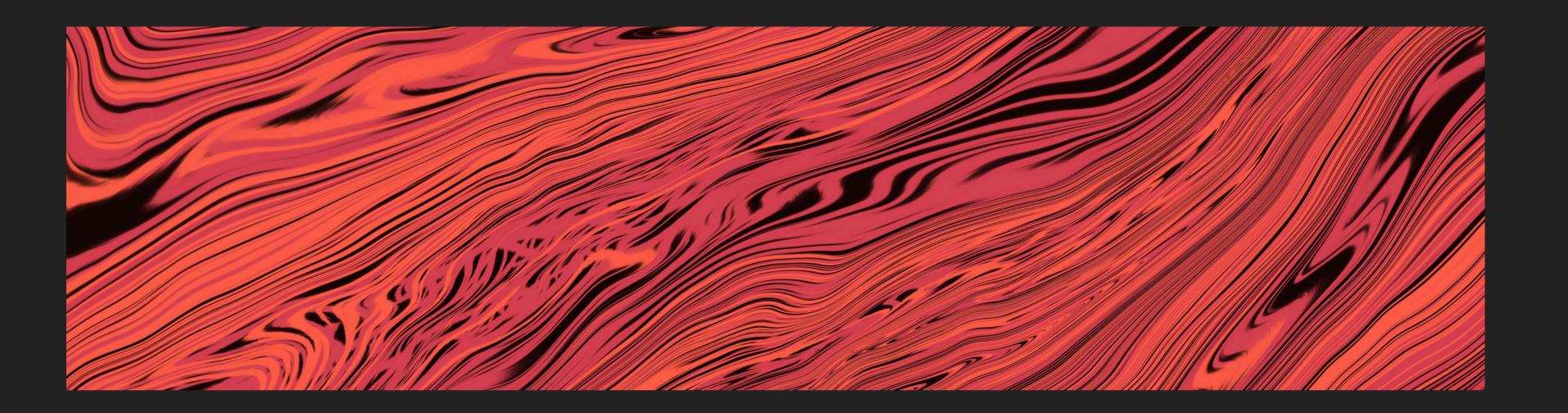


MICROSOFT Women Leader Making Difference with New Technologies 2020



DESIGN MANAGEMENT INSTITUTE
Global Women & Diverse Design Leaders - Boston, USA



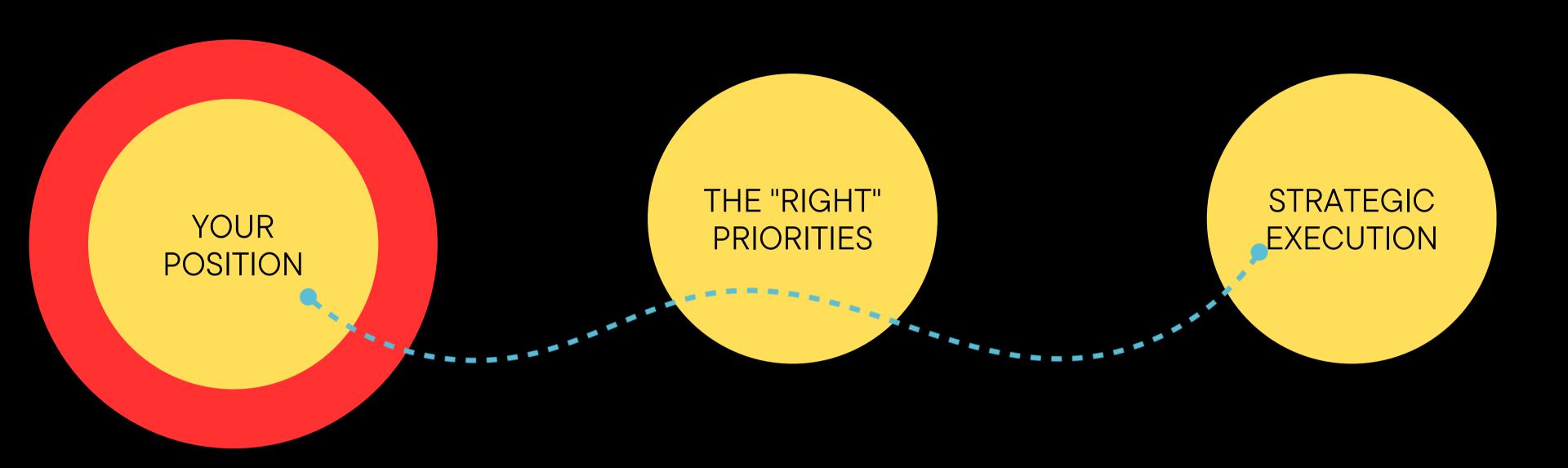


### FLUX

"Panta rhei"

"Everything flows."

Heraclitus



You should aim to understand the main themes of flux as objectively as possible.

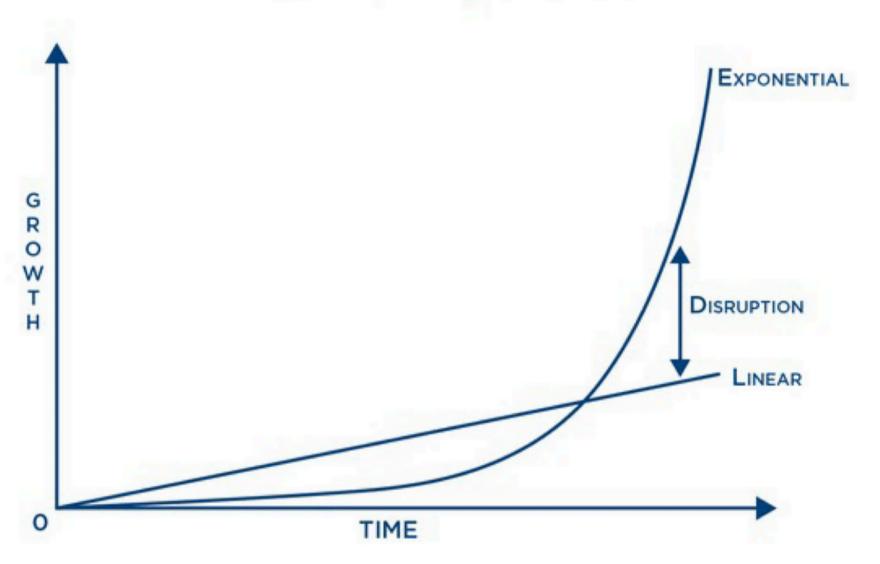
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# Many people don't understand the nature of technology and humans' interaction with it

#### YOUR POSITION

#### Exponential technologies vs. humans and organizations with linear adaptation

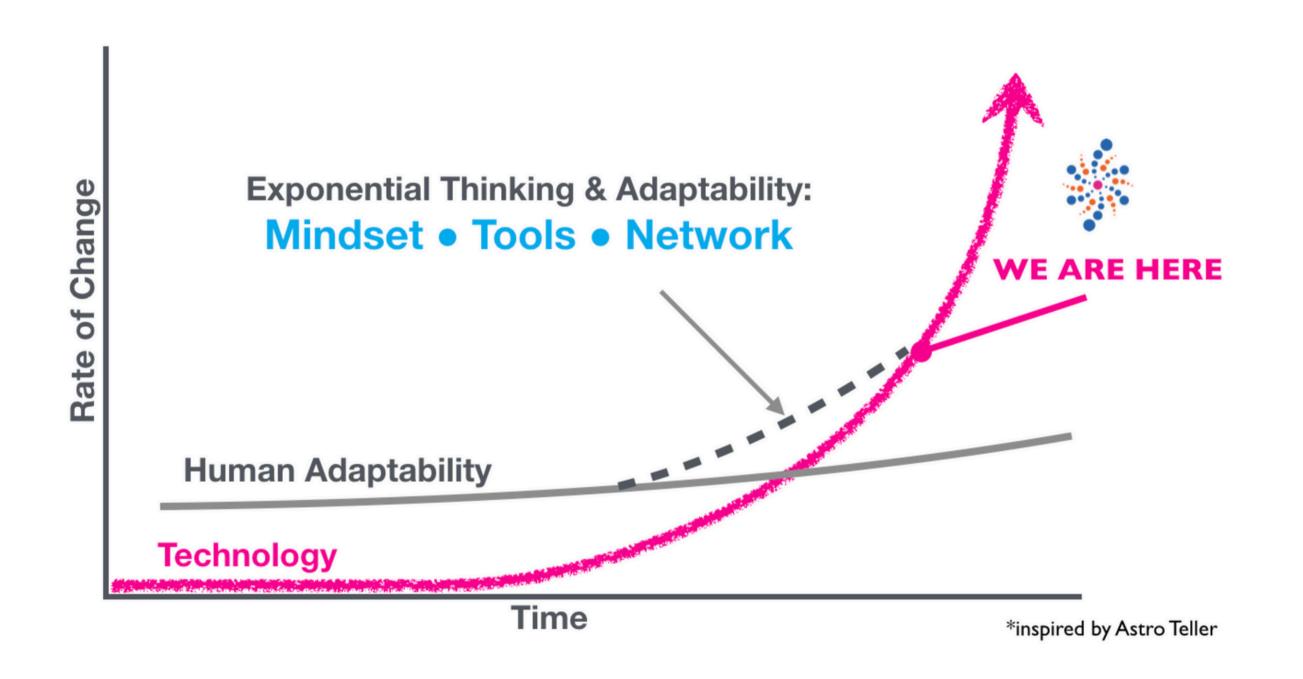




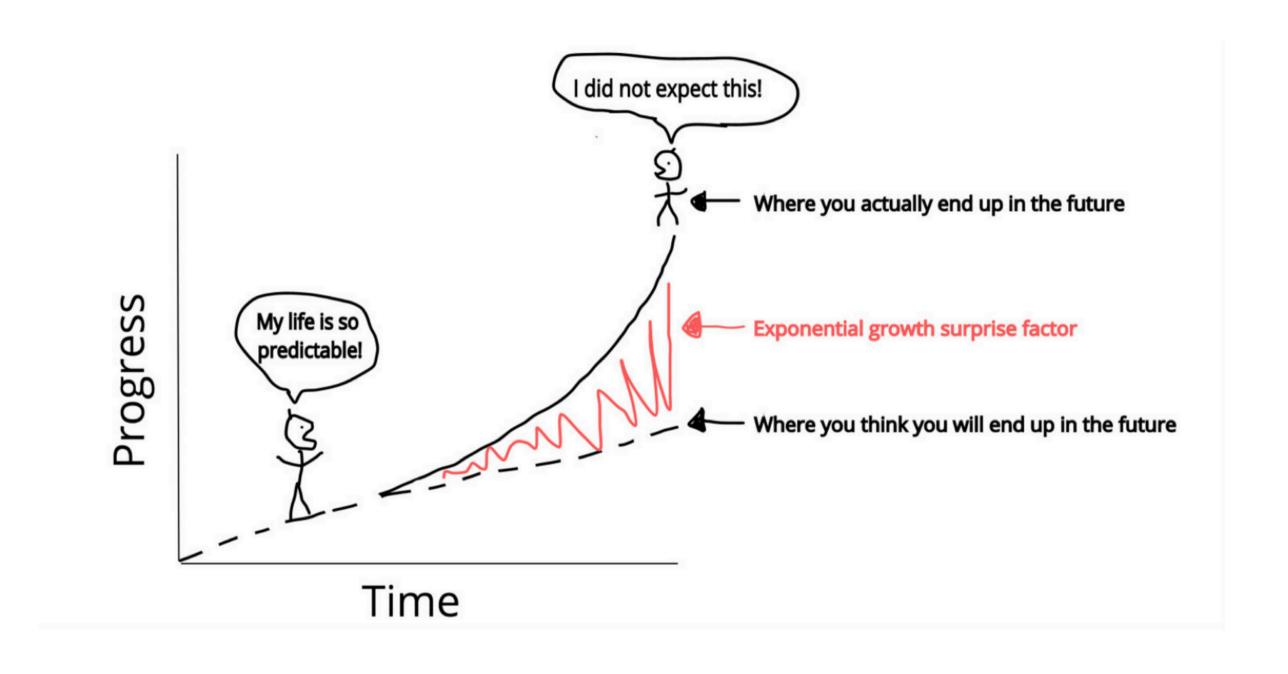
Source: Salim Ismail, Michael Malone and Yuri Van Geest, Exponential Organizations (New York: Diversion books, 2014).

#### YOUR POSITION

#### Exponential technologies vs. humans and organizations with linear adaptation



#### Exponential technologies vs. humans and organizations with linear adaptation



## History repeats itself.



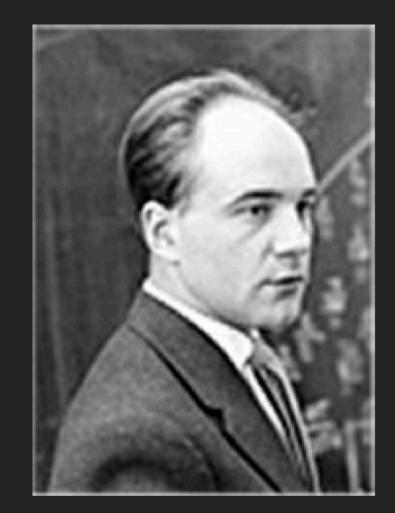


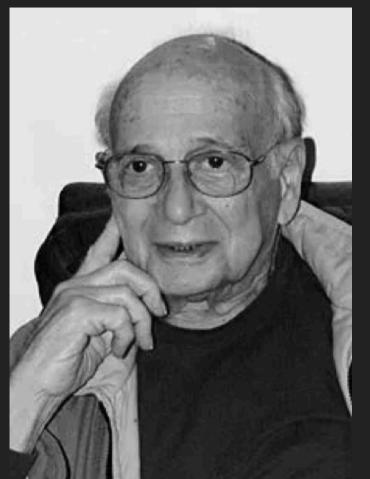




# The same things will happen with Al and synthetic biology.

# Understanding what wicked problems mean





## Horst Rittel and Melvin Webber, UC Berkeley

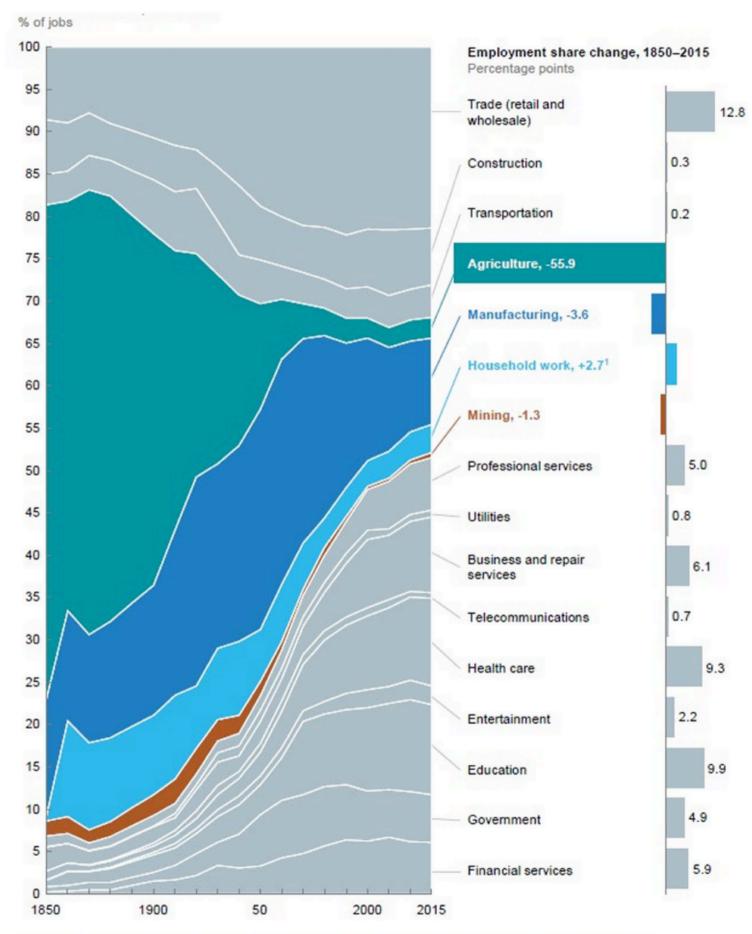
Some problems in design and planning have "complex and multidimensional" characteristics. These unique problems were made up of components that couldn't precisely be identified. Therefore there was no absolute or single solution.

"Solutions to wicked problems are not right or wrong, only better or worse." - Ritel

## Will robots or Al take our jobs?

#### YOUR POSITION

#### Share of Total Employment by Sector in the United States, 1850-2015



<sup>1</sup> Increase from 1850 to 1860 in employment share of household work primarily due to changes in how unpaid labor (slavery) was tracked.

#### YOUR **POSITION**

#### Sectors with the highest automation potential include manufacturing, mining, and agriculture

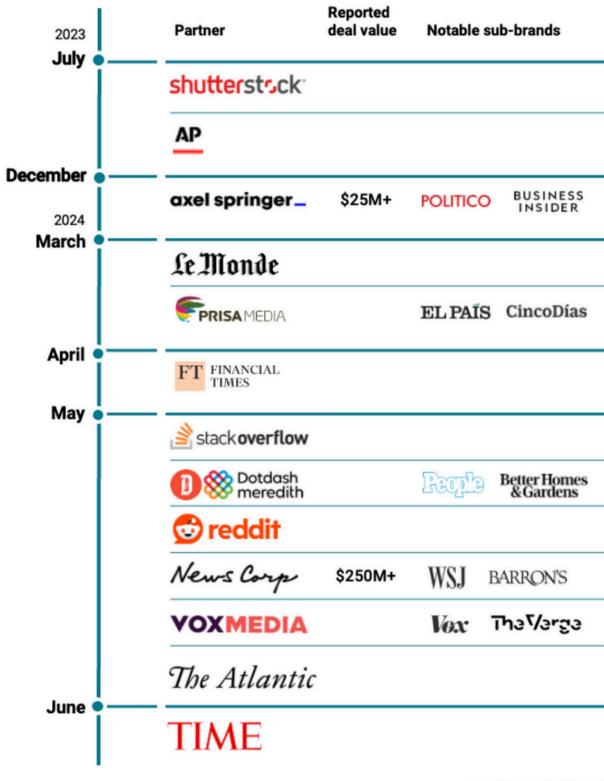
#### Sectors by activity type Unpredictable Collect Predictable **Process** physical Interface Manage Expertise physical data data Manufacturing Mining Agriculture, forestry, fishing, and hunting Food and beverage, accommodation Retailing and service Construction Real estate and rental and leasing Finance and Insurance Size of bubble indicates Transport % of time spent in Arts and Entertainment occupation in Turkey Administrative and support services Healthcare and social assistance Ability to automate, **Educational services** NOTE: Figures may not sum to 100% because of rounding

## Centralization vs. Decentralization

# Knowledge ownership and control are evolving.

#### YOUR POSITION

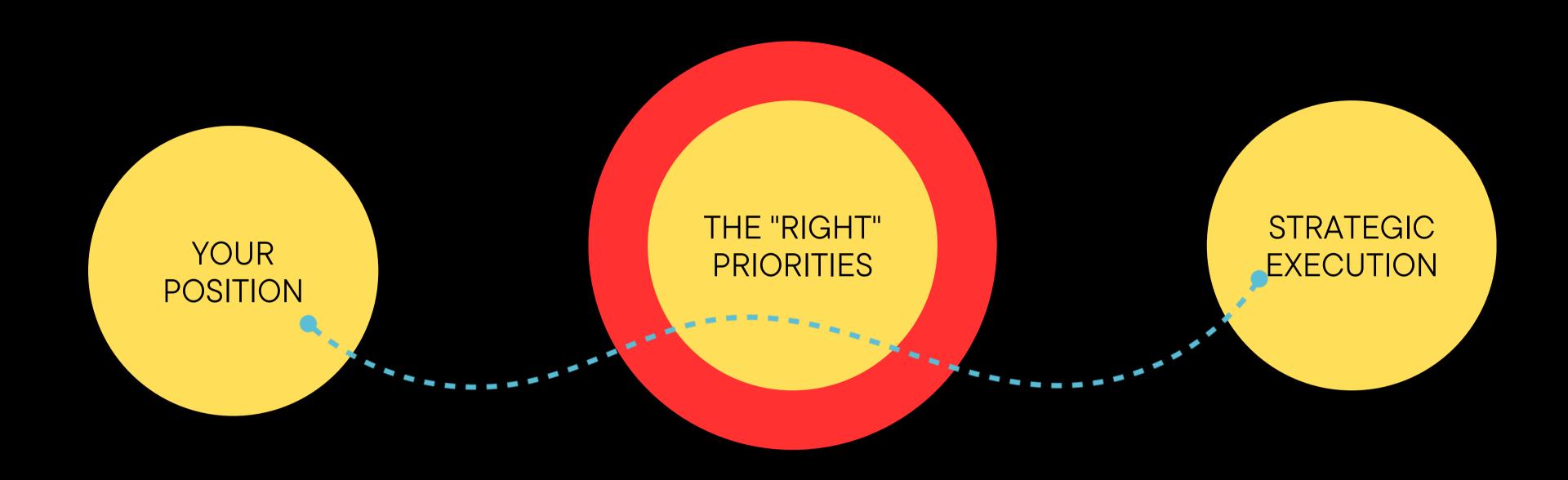




Source: CB Insights business relationships data.



Have a rough idea of your position in a flux based on these perspectives.



Your ideas are not the needs. Those are assumptions.

### THE "RIGHT" PRIORITIES



\$120M IDEA

#### THE "RIGHT" PRIORITIES



#### \$120M IDEA

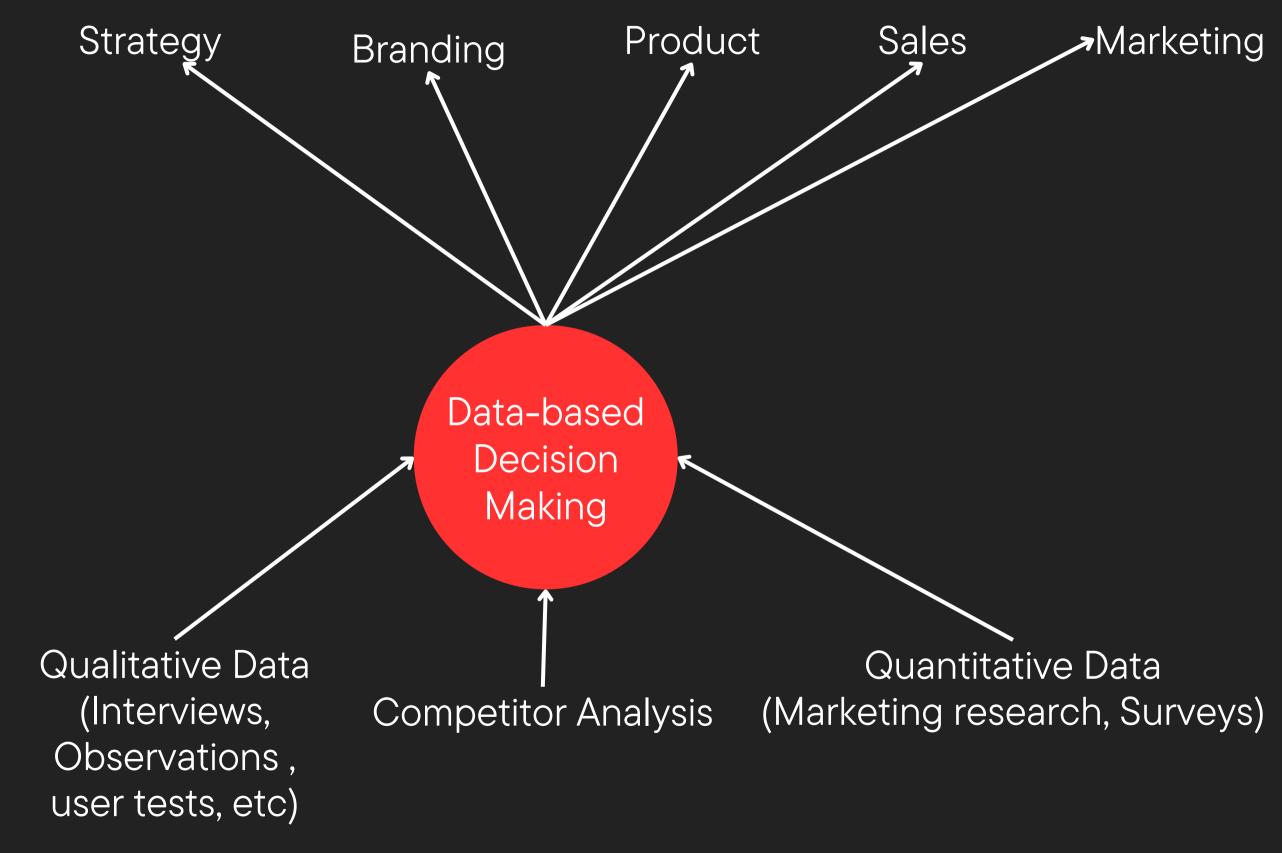
"Juicero's mission is to make it dramatically easier and more enjoyable to consume more fresh, raw fruits and vegetables, and that's a really tough nut to crack."

Juicero CEO Jeff Dunn

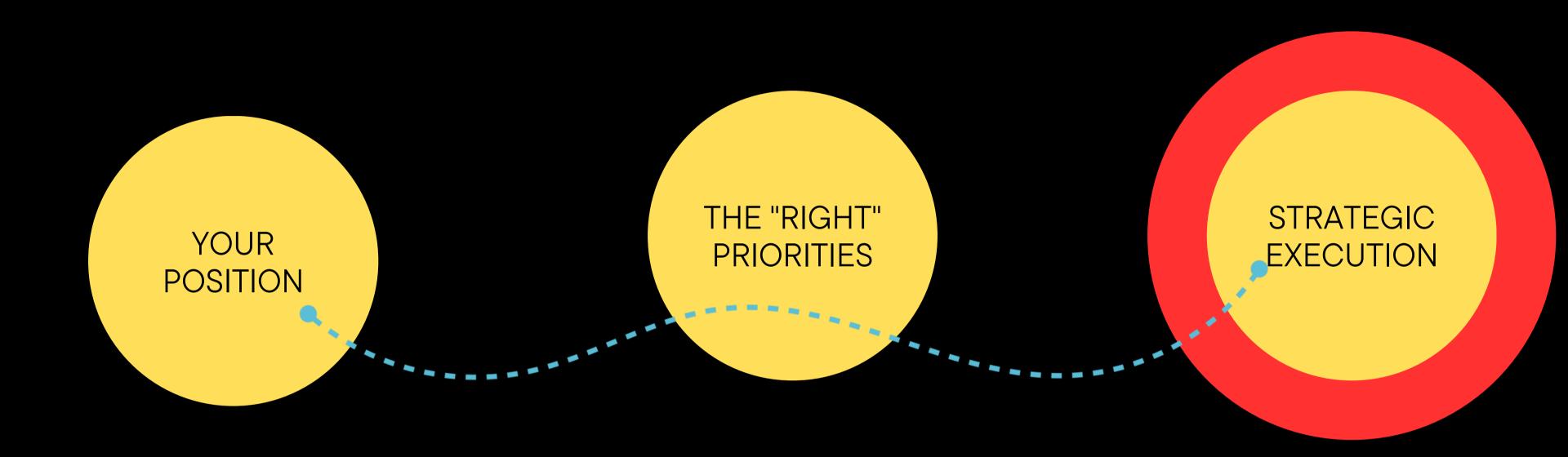




THE "RIGHT" PRIORITIES

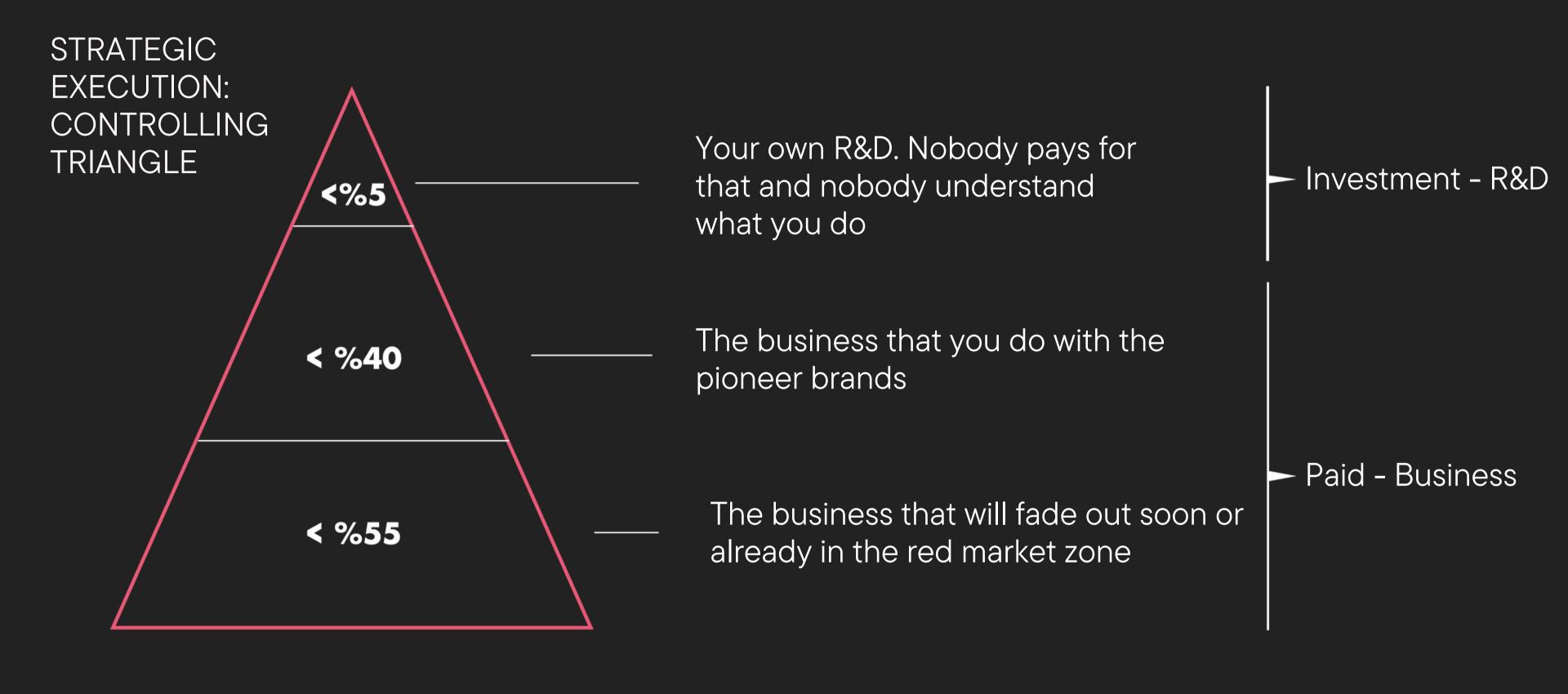


What you think people need may not actually be their true needs.



# By far the most important thing is managing your psychology.

# You need to finance your own R&D



# Setting priorities: Being aware of conscious and unconscious actions

## Your reality is the actions you take, not your to-do list.

# Selling things at the right time—neither too early nor too late.

#### <sup>01</sup> YOUR POSITION

- 1. The main themes of flux as objectively as possible.
- 2. The nature of technology, humans' interaction with it
- 3. History repeat itself. Check previous tech waves
- 4. Wicked problems
- 5. Centralization vs Decentralization

## THE "RIGHT" PRIORITIES

- 1. Your ideas are assumptions
- 2. What you think vs people's true needs
- 3. The reality of the market

## STRATEGIC EXECUTION

- 1. Managing your psychology.
- 2. Nobody pays for your experiments
- 3. Setting priorities Conscious and unconscious actions
- 4. Selling things at the right time

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### Thank You

Stay connected