A REVELX PUBLICATION

# CORPORATE INNOVATION PLAYBOOK

Demystifying corporate innovation and its challenges. The methods, tools, canvases and definitions any corporate innovator needs to succeed.

Version 1.0

RevelX 2020. All rights reserved.





# **CONTENTS**

PS: Click on any chapter to jump directly there

- 1. INTRODUCTION
- 2. CORPORATE INNOVATION AND WHY IT'S HARD
- 3. THE 4 FUNDAMENTAL INNOVATION METHODS
- 4. THE IDEATION CHALLENGE
- 5. THE VALIDATION CHALLENGE
- 6. THE SCALE-UP CHALLENGE
- 7. SO, NOW WHAT?
- 8. FURTHER ASSISTANCE
- 9. BONUS: FREE INNOVATION CANVASES
- 10. BONUS: THE INNOVATOR'S DIGITAL TOOLKIT



# HELLO! WE ARE REVELX

Discovering and exploiting opportunities for growth. That is our playing field. We excel at disruptive creativity, rigorous analysis and disciplined execution. We add strategic thinking and execution power to your team. That is how we realize growth for corporates (or any established business).

We are a team of growth entrepreneurs. A collection of curious minds and diverse personalities. Based in Amsterdam, we are proud to serve our clients around the globe with a team of highly skilled and passionate growth professionals.

A selection of our clients:









**PDG** 











TNO innovation for life























SPIE



# WHY WE MADE THIS



Corporate innovation is hard. Especially given the amount of uncertainty we face today. We created this playbook to help you succeed as a corporate innovator. By providing you with a set of proven methods, frameworks and tools you can deploy within your organization today. Let's go!





We will introduce you to corporate innovation and why it's hard, explore the 4 key corporate innovation methods and dive into the 3 main corporate innovation challenges and how to overcome them. As a bonus, we have 2 free resources lined up for you.

HOW YOU CAN READ IT



The playbook is structured around several key corporate innovation challenges. You don't have to read it from start to end, as you can jump straight to those topics which have your interest. But hey, if you wish to cover everything, you're more than welcome to read it like a book.







# WHY SHOULD YOU INNOVATE IN THE FIRST PLACE?

In many organizations, the need for innovation is not so apparent. The mantra of 'we have done it this way for the past decades, why change?' is still heard in many organizations. The opportunity represented by adopting a corporate innovation mindset is lost on them. We urge organizations to have an innovation strategy which lays out what innovation means for them and how it is crucial for long term survival.

Research suggests that companies who do well at innovation generate 3 times more revenue growth.

We lay out three main reasons why innovation is important.

# 1. Relevance for customers

CORPORATE INNOVATION PLAYBOOK

Customer needs are changing all the time. This holds true in a consumer context as well as in a business-to-business context. Our job is stay relevant for our customers. This requires a process of constant adaptation. Continuous innovation is key in that.

# 2. Building business resilience

We are living in challenging times.

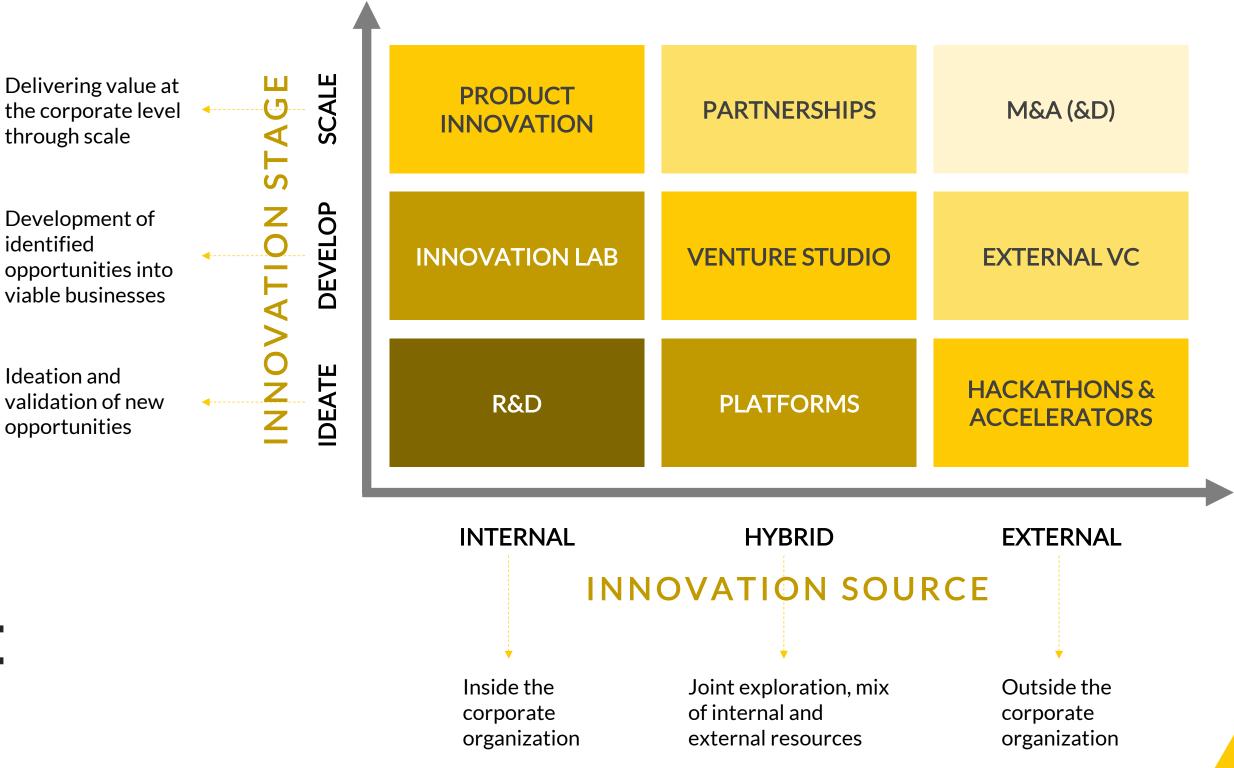
Crises are following each other in rapid succession. COVID-19 is proving to be the greatest disruptor of our time. We must build resilient business models to keep our businesses afloat amid this turmoil. Business model innovation is a key competence.

# 3. Fend off industry disruptors

Disruptors are around the corner. You might not be aware of them yet. As businesses mature and markets develop, incumbent organizations tend to be focused on extending current offerings for current customers. Make it a habit of building your own disruptor frequently to prevent getting caught by an external one.









# HOW TO GOVERN INNOVATION: APPOINT A GROWTH BOARD

To innovate by applying startup principles, make decisions like VCs do.

Start with a Growth Board. Key characteristics of a Growth Board:

- ... cross-functional team focused on delivering business value
- ... has budget and resource mandate
- ... uses data to make pivot-or-persevere decisions
- ... enables and encourages top-down and bottom-up collaboration
- ... is <u>not</u> a siloed management team focused on status updates
- ... does not act as traditional top-down, command-and-control decision makers
- ... acts like an internal Venture Capitalist

CHARACTERISTICS
OF THE GROWTH
BOARD

Cross-functional decisions
Board should include
members from all key
stakeholder groups; anyone
affected by the decision

GROWTH BOARD

STRATEGY

STRATEGY

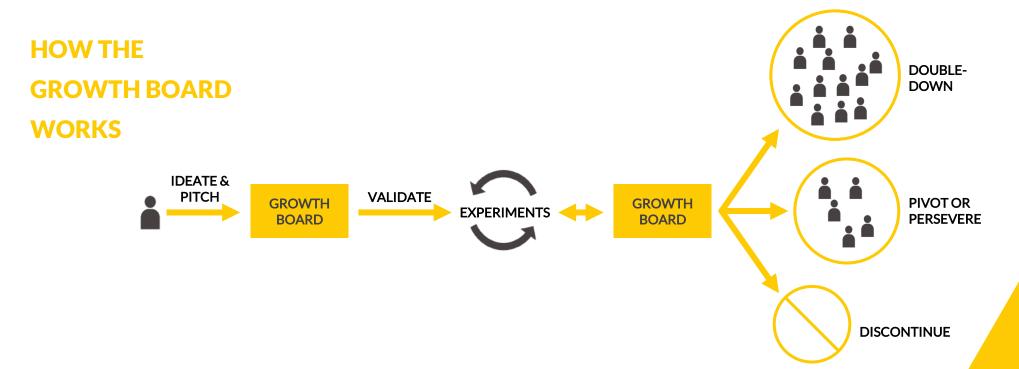
STRATEGY

STRATEGY

Focused on value
A single problem area or goal
focuses the Growth Board's
decisions

Informed by data
Team presentations focus on
evidence, learnings, provide
context for conversation

Tackles the riskiest assumptions
Are these even the right problems to solve? How would we know?





# HOW TO FUND INNOVATION:

# METERED INITIATIVE FUNDING

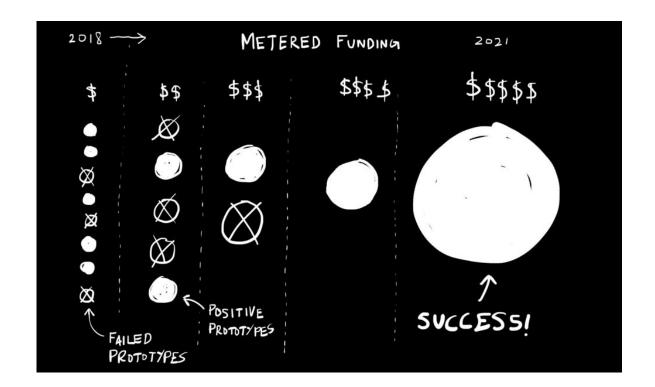
# **Traditional funding:**

- » Teams and projects are funded through an infrequent (usually annual) budgeting process
- » Typically a central decision-making team makes an allocation for a set period

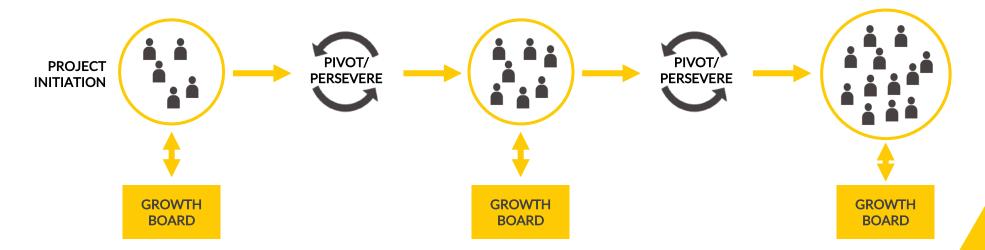
# Metered funding:

- » Works like a startup's funding process: allocating funding over a series of rounds
- » The funding is based on goals and milestones
- » In the early stages of funding, funding is learning based, and in the latter stages, funding is growth based

HOW METERED FUNDING WORKS



# METERED FUNDING PROCESS





# INNOVATION IS HARD: INSIGHTS FROM THE

# INNOVATION READINESS BENCHMARK

The RevelX Innovation Readiness
Benchmark indicates what it takes to
be a best-in-class innovator

- » 7 key innovation areas
- » 35 best practices
- » 7 drivers for disruption
- » 5 performance KPI's
- » 200+ participants (and counting)

PARTICIPATE IN
THE BENCHMARK



Only 25% of companies rate their own innovation performance as 'good'

RevelX research among over 200 companies from various sizes and industries shows that only 25% of companies is satisfied with their own innovation performance, although 65% of companies are afraid of being disrupted by better innovators. Only 47% of the companies has a well-defined innovation strategy and roadmap in place.

65%

estimates the disruption risk as 7 or higher (on a scale from 1-10)



yet only 25%

Rates their own innovation performance as 'good'



and 47%

Indicates they do not have a well-defined innovation strategy and roadmap in place



Our research has uncovered **7 key building blocks of best-in-class innovation performance**, and a large variety of underlying organizational aspects driving innovation.





# WHY CORPORATE INNOVATION FAILS

Between 70-90% of innovation projects fail\*. But why? Based on our experience and research\*\* we identify 5 key reasons for why innovation fails within the corporate environment:



Many organizations play 'innovation theater': they don't walk the talk on true innovation practices. They perform innovation activities but don't make them part of their core process of continuous innovation.

# 4. Low risk appetite & failure acceptance

Innovation is often seen as synonymous with high risk. Industries will low risk appetite and failure acceptance miss out on the opportunity. Innovation done right de-risks the process and learns from failure.

# 2. Strategy disconnect

Innovation programs should be part of the organizational strategy. They should be tied into all strategy horizons: short, medium and long term.

Disconnected innovation will not deliver long term value.

# 5. Lack of data culture

Smart decision making is a key aspect of successful innovation. Too often decision making is based on gut feel or opinions. Smart decision making is based on data and insights. A data culture is a prerequisite for value.

# 3. "Not invented here" syndrome

Siloed organizations suffer from the 'not invented here' syndrome.

Successful innovation is based on crossfunctional collaboration. This requires an open attitudes towards other business units.

32730338 D

\* Beth Altringer, Harvard Business Review research,

\*\* RevelX - Innovation Readiness Benchmark insights, 2020

https://hbr.org/2013/11/a-new-model-for-innovation-in-big-companies



# THE 3 MAIN INNOVATION CHALLENGES

Becoming a best-in-class innovator requires mastering 3 main challenges. We recognize a structured innovation process that covers these 3 challenges.

CORPORATE

PLAYBOOK

# The Ideation Challenge

- » Spotting and creating innovation opportunities
- » Balancing the long- and short-term perspective
- » Selecting the most promising innovations

2

# The Validation Challenge

- Assessing the true potential of new ideas
- » Avoiding unjustified investments in bad ideas or hobby horses
- » Beating the competition on time-tomarket

3

# The Scale-Up Challenge

- » Turning on the right growth engines
- » Creating the right conditions for growth
- » Balancing management of core business and innovations







The foundation of this innovation playbook is formed by the principles of 4 core business methodologies that have created big paradigm shifts in the way modern companies innovate and develop their businesses. We have learned that by combining the principles of these 4 key methods, innovation processes run faster and lead to better results.

**CUSTOMER PROBLEM** 



**CUSTOMER SOLUTION** 



SCALED UP BUSINESS

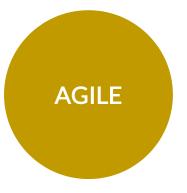
DESIGN THINKING

CORPORATE INNOVATION PLAYBOOK

Start your innovation process with truly understanding the customer challenge and design solutions to solve that challenge.



Use experiments and MVP's to test your critical hypotheses.
Measure and learn.
Pivot your proposition as much as is needed before scaling up.

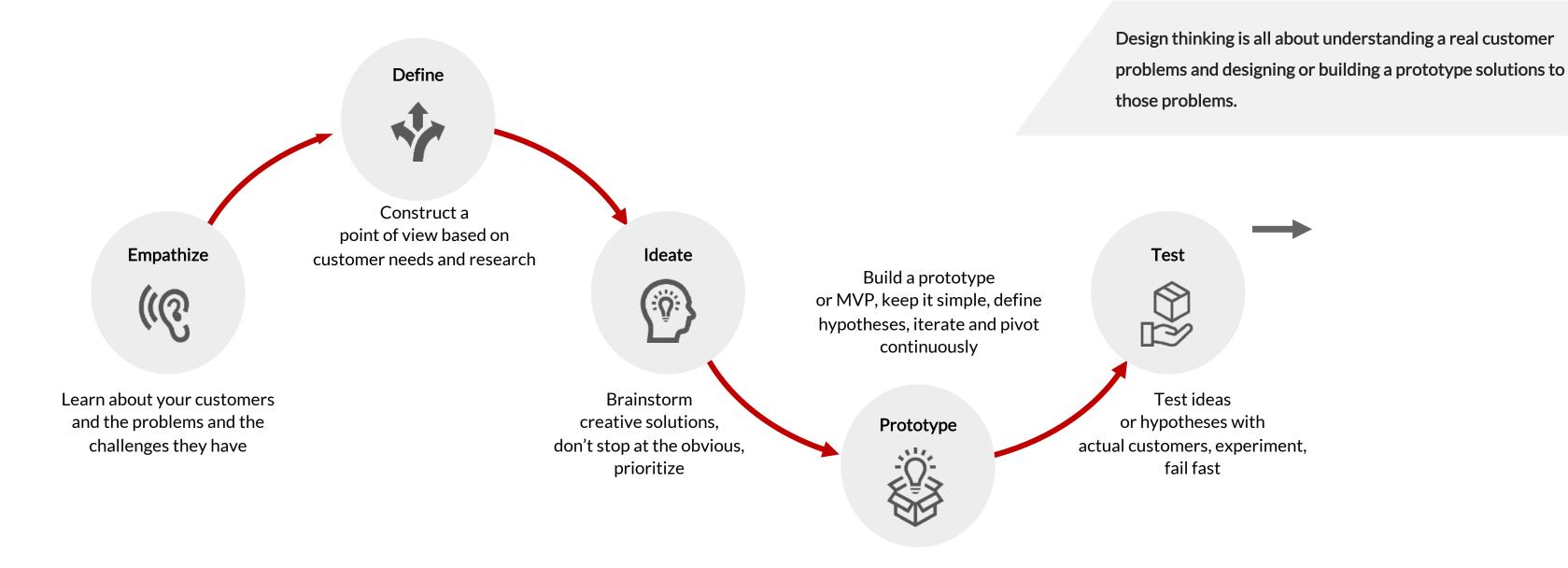


Organize (MVP)
development in sprint
cycles of 2-4 weeks.
Include all key in the
sprint team. Integrate
learnings from each
sprint in the
development.



Develop and execute a targeted strategy to bring your new value propositions to the market. From launch, and initial growth to scaling up.





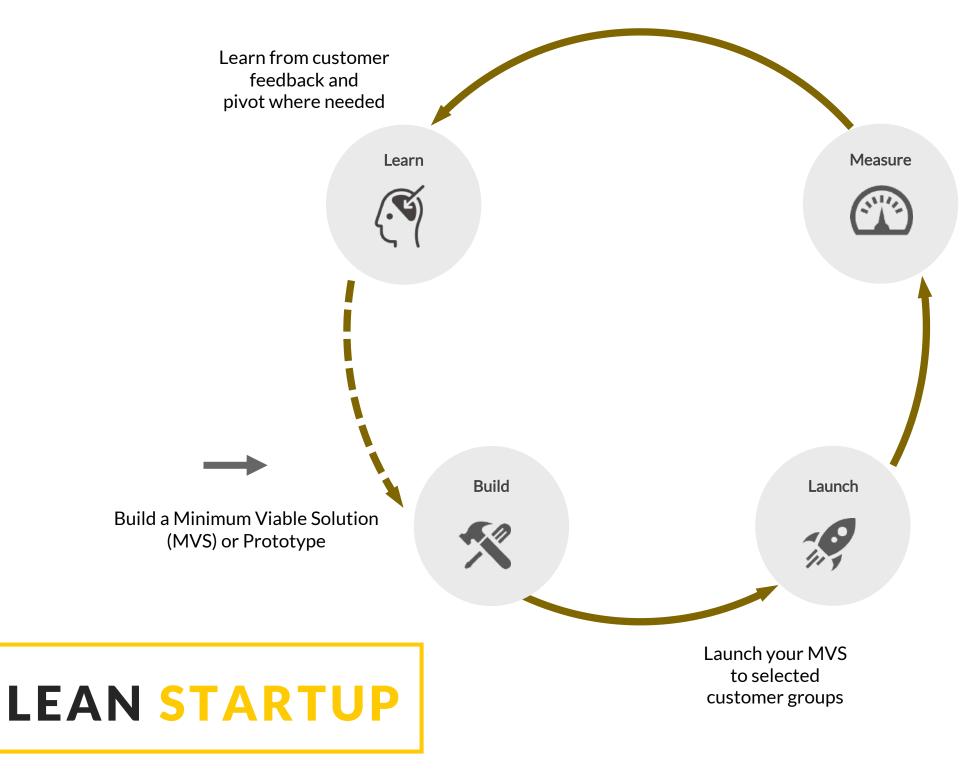
# **DESIGN THINKING**

DESIGNING YOUR SOLUTIONS BASED ON PROFOUND CUSTOMER INSIGHTS

# 6 Design Thinking principles:

- 1. It is **people centered**, focused on user's experiences, specifically emotional ones.
- 2. It is holistic, creates a model that examines complex problems, benefits from system thinking.
- 3. Find **problems worth solving**, the ones that inspire and need critical creative thinking.
- 4. It tolerates failure and is optimistic.
- 5. It is **contextual** talk with customers and other people involved in the context of the problem.
- Tangibility rules, visual facilitation and storytelling are great ways to make the abstract clear and concrete.





Lean startup is all about taking your solution as early as possible to market (as a Minimum Viable Solution), collect customer feedback, learn and improve.

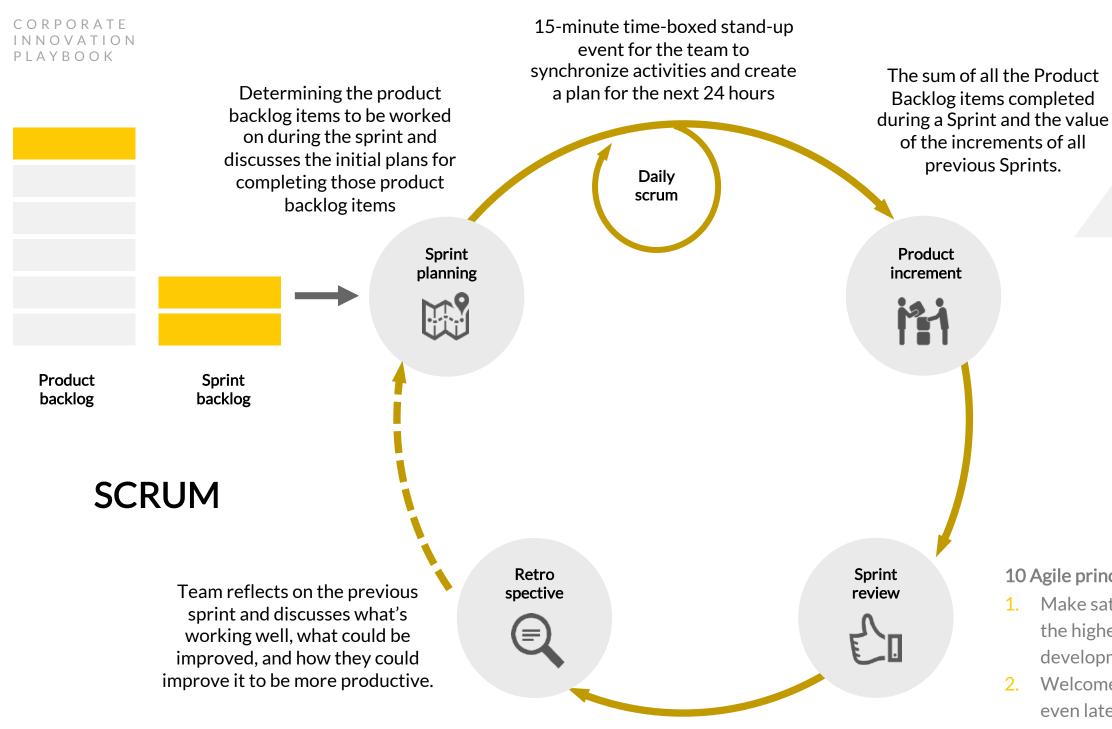
Collect performance data and customer feedback, monitor performance

# 10 Lean Startup principles:

- 1. Identify the real problem to solve
- 2. Fail fast and learn often
- 3. Get out of the building!
- 4. Fake it before you make it
- 5. Start small before you scale up
- 6. Keep iterating
- 7. MVS = awesome, not awful
- 8. Test, measure & learn!
- 9. Set hypotheses
- 10. Experiment rigorously

ACCELERATING VALIDATION OF IDEAS BY LAUNCHING MINIMUM VIABLE SOLUTIONS AND MEASURING IMPACT





Team and all the stakeholders get together and discuss what has been accomplished during the sprint and whether the sprint goal has been met

# 10 Agile principles:

- 1. Make satisfying the customer's need the highest priority throughout the development.
- 2. Welcome changing requirements, even late in development.
- 3. Deliver improvements frequently: from a couple of weeks to a couple of months.
- 4. Make sure businesspeople and developers must work together daily throughout the project.
- 5. Build projects around motivated individuals. Give them the environment and support they need and trust them to get the job done.

Promote self-organizing teams.

Scrum is an agile framework for developing, delivering, and

communication, flexible work planning and iterative sprints.

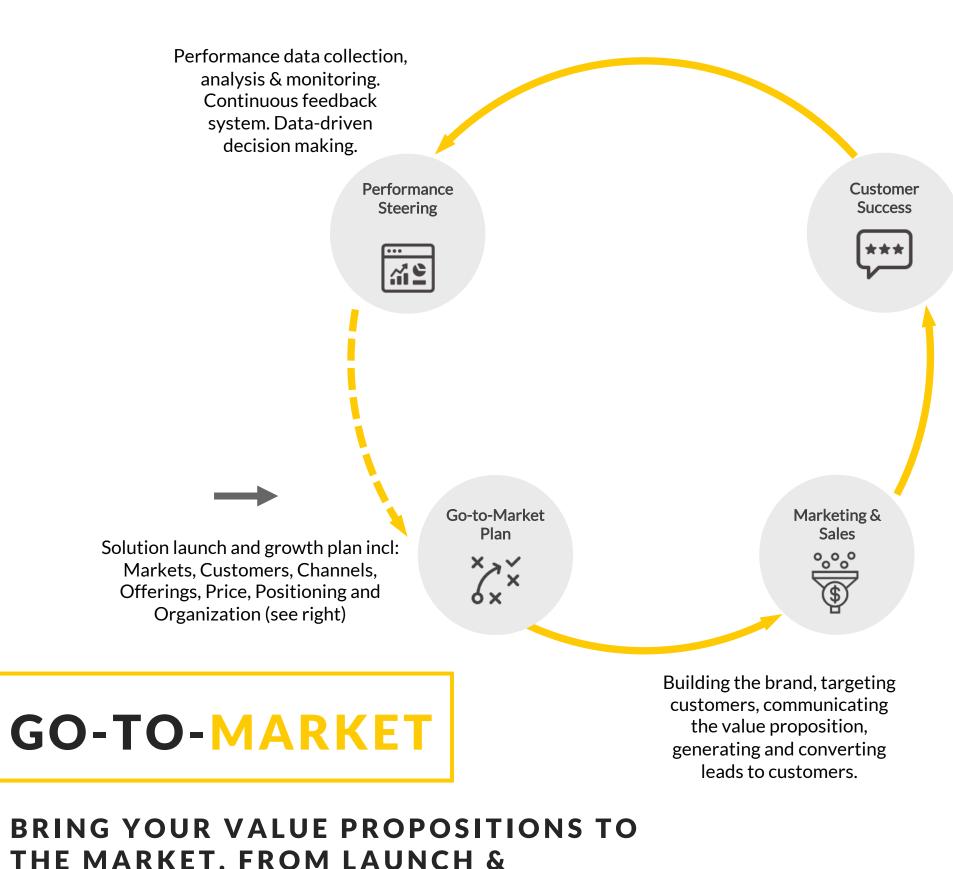
sustaining products and services through daily

- Stimulate face-to-face conversation.
- Make sure the sponsors, developers, and users can maintain a constant pace indefinitely.
- Strive for simplicity the art of maximizing the amount of work not done.
- 10. Make sure teams reflect at regular intervals to become more effective: adjust behavior if needed.

# **AGILE**

**DEVELOP IN SPRINTS THAT DRIVE FAST AND INCREMENTAL DATA-DRIVEN IMPROVEMENTS** 





INITIAL GROWTH TO SCALING UP

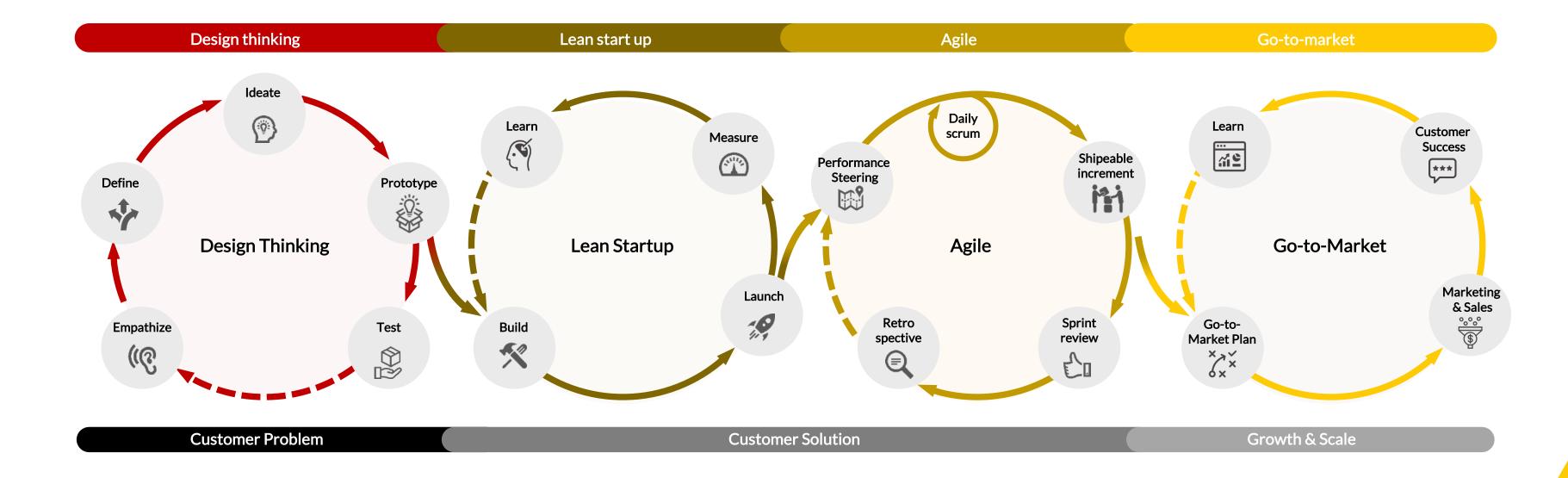
Go-to-market is about the design and execution of a tactical plan that specifies how a you will reach your target customers, deliver the product/service and scale for growth.

Maximize customer life-time value through onboarding, activitation, service and community building

# 6 Go-to-market ingredients:

- 1. Markets: What markets do you want to pursue?
- 2. Customers: Who are you selling to?
  Who is your target customer?
  6
- 3. Channels: Where do your target customers buy? Where will you promote your products?
- 4. Product (or Offering): What product/service are you selling? And what unique value do you offer to each target customer group?

- Price: How much will you charge for your products for each customer group?
- value or primary differentiation?
  How will you connect to what matters to your target customers and position your brand?
- 7. Organization: How will you organize for the right resources (people, competencies, budget) to execute your go-to-market plan?



BY INTEGRATING THE PRINCIPLES OF LEADING INNOVATION APPROACHES IN YOUR INNOVATION PROCESS YOU WILL IMPROVE ITS EFFECTIVENESS AND TIME TO MARKET







The innovation process starts with the identification and assessment of the innovation opportunities. Structured and high-quality ideation is a challenge for many corporates. We recognize the following ideation challenges:

- Spotting and creating innovation opportunities
- Balancing the long- and short-term perspective
- Selecting the most promising innovations

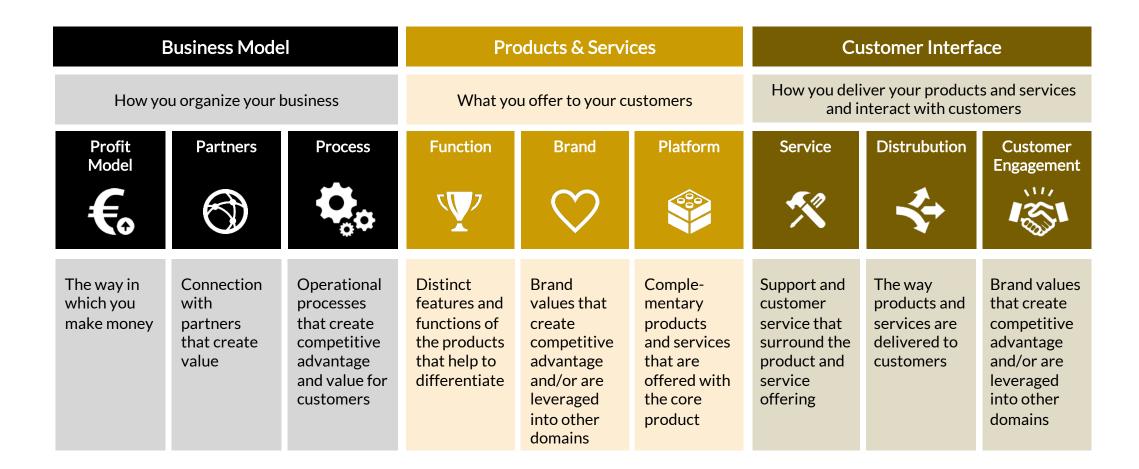
Basis for ideation is the organization's growth strategy\*. Where do we want to play? How are we going to win? The process of ideation should culminate into a balanced innovation portfolio for the business. This portfolio covers both the short and long term and serves as input for the Growth Board. Ideation makes use of the mainly design thinking principles and takes the customer as central vantage point.

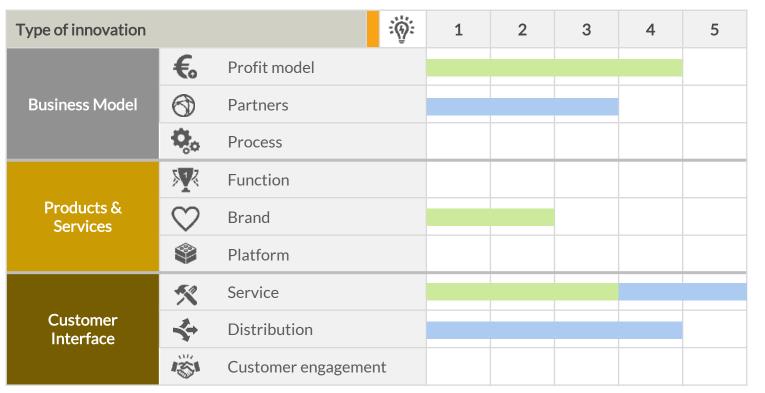


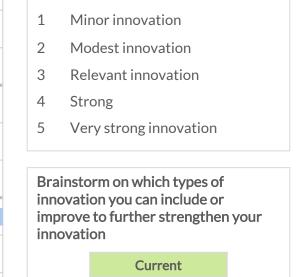
<sup>\*</sup>Need help with building your organization's growth strategy? Let us know! We are master in crafting actionable growth strategies. Check out our website (www.revelx.co) for resources, blog posts and customer cases.



# BREAKTHROUGH INNOVATIONS OFTEN COMBINE SEVERAL TYPES IN THE 3X3 INNOVATION MATRIX







Aspiration

Rate your innovation on each of the

ten types on a 5-point scale

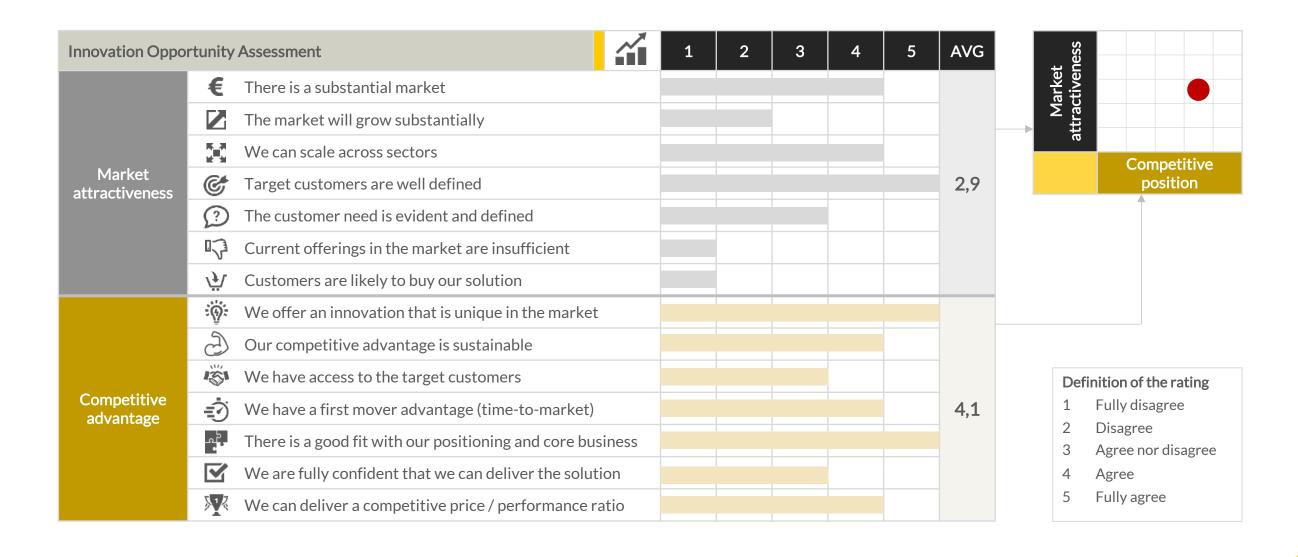
No innovation

Use the 3x3 Innovation
Matrix to assess the
strength of your innovation
(current) and to brainstorm
on how to further improve
your ideas (aspiration)



# INNOVATION OPPORTUNITY ASSESSMENT

Assess the market attractiveness and the competitive edge of your innovation to identify its viability and potential risks





# 3 INNOVATION HORIZONS

Always be aware your innovation ideas & projects cover all 3 horizons, not just one or two. Ideally, in a 70% (Horizon 1), 20% (Horizon 2) and 10% (Horizon 3) distribution.

BALANCING
SHORT AND
LONG TERM
PERSPECTIVES

Value

Horizon 2
Disruptive innovation
Develop emerging business

Horizon 1
Sustaining innovation
Defend core business
"Keep the lights on"

Horizon 3

Transformative innovation
Fundamentally new and technology
related innovations

The timing aspect of the 3 horizons should not be set too stringent. Disruptive events like COVID-19 may through your horizons off course.

# **Trigger questions:**

- » Do we have a good understanding of the horizon 2 and 3 innovations that can potentially change our industry
- Which technology drivers are likely to drive horizon 2 and 3 innovation, and do we master these technologies?
- » Do we have enough innovation in each of the horizons?
- » Are we willing to place a couple horizon 3 "bets"?
- » What are our competitors and potential new entrants doing in each horizon?

EACH HORIZON
REQUIRES SPECIFIC
CAPABILITIES

# Horizon 1

Core business

## Sustaining innovation Defend core business "Keep the lights on"

- Proven technology
- Known
- · Short time-to-market
- Direct business impact
- Fast-track process
- Clear vision
- Core focus
- Market insights
- Goal oriented leadership

# Horizon 2

# **Disruptive innovation**Develop emerging business

Existing technology

**Growth business** 

- New
- Mid time-to-market
- Disrupt business
- Validation needed
- Ideation
- Design thinking
- Prototyping
- Speed to market

## Horizon 3

Transformative innovation
Fundamentally new and technology
related innovations

- New unproven technology
- New to industry

**Future business** 

- Long time-to-market
- Transform business
- Complex concepts
- Co creation
- Open innovation
- Exploring options
- Identify emerging opportunities
- Dealing with high uncertainty

Characteristics

Capabilities for innovation



# DEFINING YOUR INNOVATION OPPORTUNITY, STARTING AT THE CUSTOMER

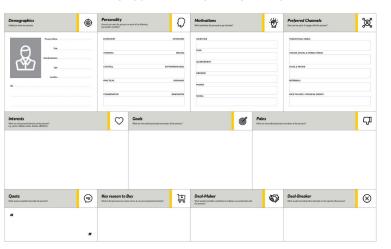
Once you have your (short-listed and prioritized) list of ideas, it is time to define and document your innovation opportunity: what it is, for whom, how it generates value and what business model is required to sell and deliver.

# 4 steps to define your innovation opportunity:

- 1. Define and understand your customer (groups). Tip: use the Customer Persona Canvas. Develop a persona for each distinct type of customer.
- 2. Map the customer journey and the entire experience for each persona, from start to end.
- 3. Design your value proposition based on customer insight. Tip: use the Value Proposition Canvas.
- 4. Develop your business model to deliver that value proposition. Tip: use the Business Model Canvas.

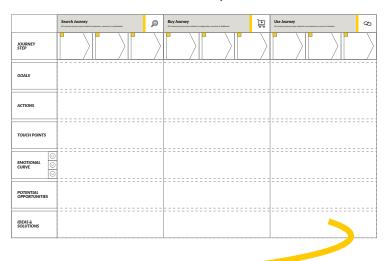
# Define and understand your customer and their future needs

### Customer Persona Canvas



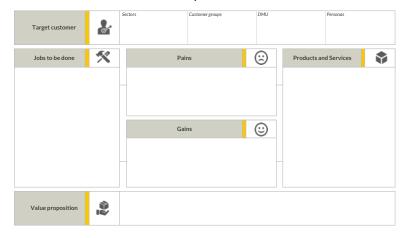
# Map the customer journey for your persona(s) from start to end

## **Customer Journey Canvas**



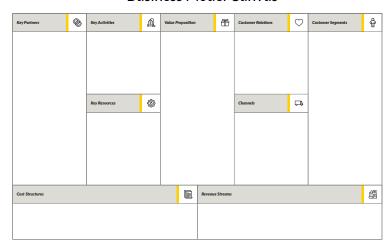
# Design and validate your value propostion based on profound customer insight

## Value Propostion Canvas



# Develop the business model to deliver that value propostion

### **Business Model Canvas**





# UNDERSTANDING YOUR AUDIENCE **THROUGH CUSTOMER PERSONAS**

By defining customer personas you will better understand your customer and tailor your value proposition and marketing strategy to their needs.

### What is a Persona?

A Persona is a semi-fictional representation of your ideal customer based on market research and real data about your existing customers.

# Why use a Persona?

Personas provide structure and context for your company, making it easier to map out opportunities and allocate your team's time and resources.

Depending on your business, you could have as few as one or two personas, or as many as 10 or 20. However, when starting out we advise to keep it simple and stick to a low number to start with.

### Demographics

Describing your Buyer Persona by giving him or her a name, a job title and an age, helps people understand who you are targeting. Remember: when everybody's your customer, nobody is your customer.

# Interests

Tools that might help you understand the interests of your persona are Google Analytics Audience and Facebook & Twitter Audience Insights.

Gathering feedback from your prospects or existing customers is very important and can help bring your buyer personas to life. Be sure to collect quotes anytime you are conducting interviews or surveys.

because your organization is known

Try to get a deeper understanding of your persona. Who are we dealing with? Try to find certain traits that will help you dictate the kind of language that is likely to capture your personas attention.

### Motivation

**CUSTOMER PERSONA CANVAS** 

If you better understand what drives your Buyer Persona to make decisions, you may also better understand why this person would be interested in your product or service.

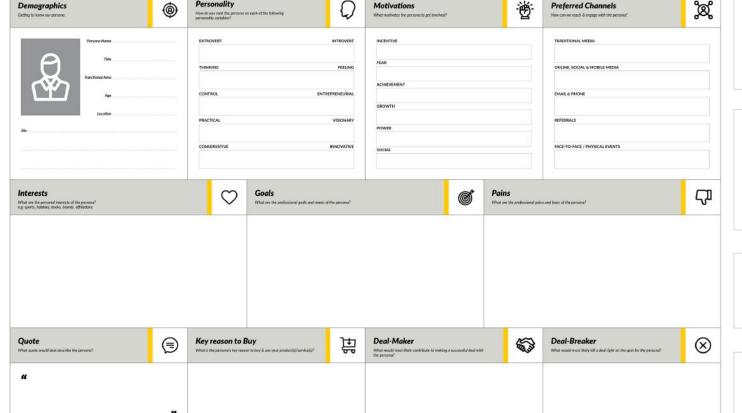
### **Prefered channels**

Your Buyer Persona will allow you to examine how each group within your target audience can be most effectively reached. You can also carry out A/B testing by varying your design and copy.

### Ouote

### Key reason to buy

What makes your buyer persona decide to buy from you? Is it for world class Customer Service. does your persona need referrals from friends, or is your store conveniently located or website highly ranked in SEO?



### Goals

As Clay Christensen states with his "jobs to be done", think of what your buyer persona is trying to achieve and what "job" he or she would be hiring your product or service to do.

Do your customers worry about helping their department meet sales goals? Are they struggling to stay competitive? What are typical "trigger-points" for individuals to start searching for solutions?

### Deal maker

What is a deal-maker for your customer? Think of delivery speed, shipping costs, set-up costs, etc.

### Deal breaker

Similar to deal-makers, try to think of what could be a deal breaker for vour Buver Persona.

# **DOWNLOAD YOUR FREE**









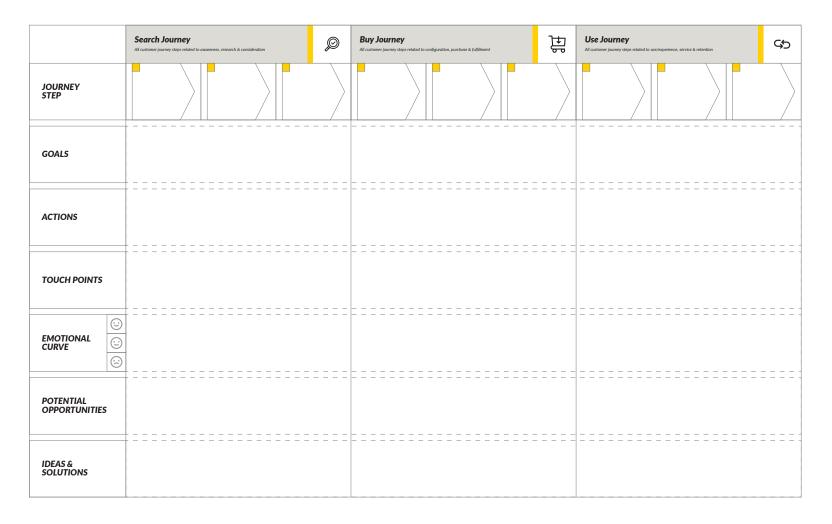
# MAPPING THE CUSTOMER JOURNEY FROM START TO END

The Customer Journey Canvas enables you to map the entire customer journey from start to end using three distinct sub-journeys: the search / orientation journey, the buy journey and the use / experience / service journey.

# Using the Customer Journey Canvas

- Try to really put yourself in the shoes of one of your (potential) customers.
  What do they experience? When? What do they feel, hope and do?
- The first journey step will typically be the moment when your prospect first hear about you and the first action that he/she then takes. The last journey step will typically be about service and loyalty / advocacy.
- In the 'Emotional Curve' segment on the canvas, for each of the journey steps indicate whether your customer would likely be content/happy in that step, neutral/indifferent or sad/frustrated. Now draw a line between all these points to uncover the emotional curve.
- Use the 'Potential Opportunities' and 'Ideas & Solutions' segments on the canvas to come up with ideas to mitigate any bottlenecks or sub-optimal steps in the customer journey.

# **CUSTOMER JOURNEY CANVAS**



DOWNLOAD YOUR FREE INNOVATION CANVASES



**CLICK HERE** 



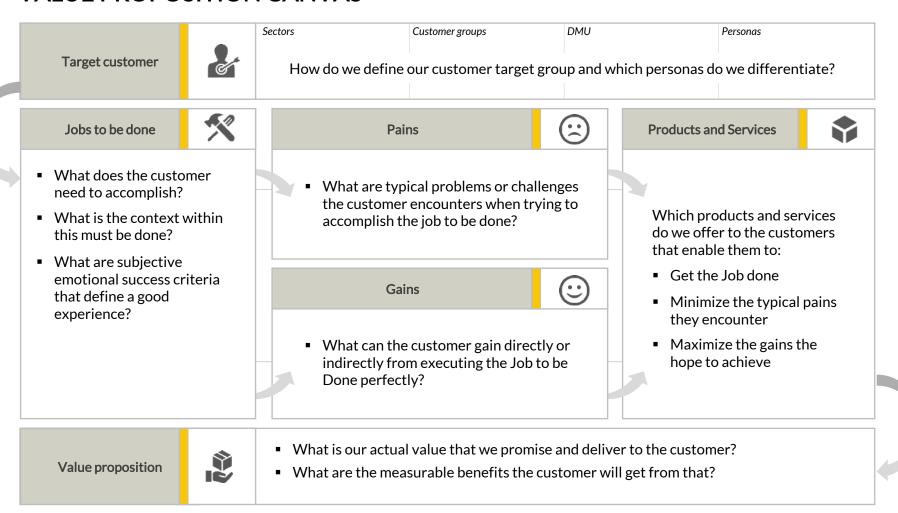
# DESIGNING THE RIGHT VALUE PROPOSITION FOR YOUR TARGET CUSTOMER

Value proposition design leads to the definition of how to create value for your customer and with what products and services you will do that. It starts by identifying your customers, their "job to be done" and the pains and gains that have to be addressed for them.

# Using the Value Proposition Canvas

- » Make sure you have a good understanding of the customers you aim to target
- » Think beyond the direct job to be done often this is defined at a higher level (e.g. providing a comfortable climate instead of installing an air conditioner)
- » Use the pains and gains to design unique products and services creating value for your customer
- » Think in terms of value that you deliver and not just activities that you execute

# **VALUE PROPOSITION CANVAS**



DOWNLOAD YOUR FREE INNOVATION CANVASES



**CLICK HERE** 



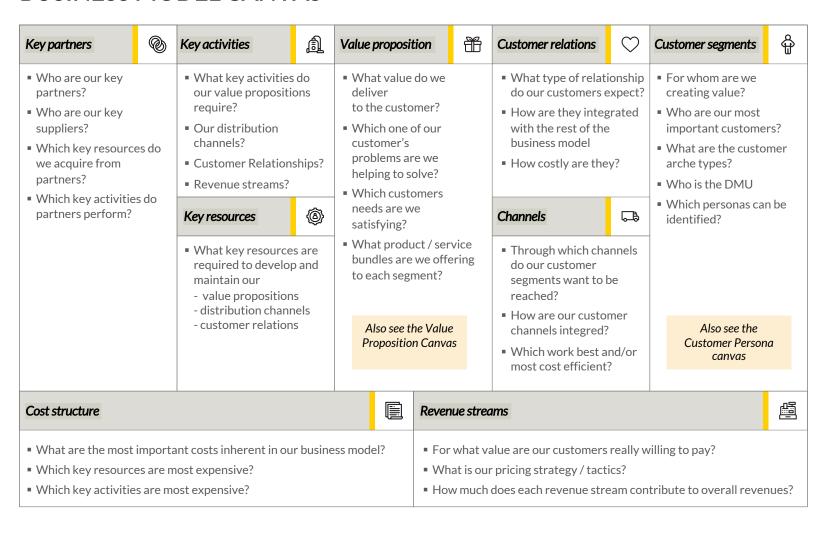
# DESIGNING A VIABLE BUSINESS MODEL FOR YOUR SOLUTION

The Business Model Canvas helps you to define what business model is needed to sell and deliver your solution and how to monetize that.

# Using the Business Model Canvas

- » Start with identifying the customers that you want to create value for
- » Use persona to better understand their needs and behavior
- » Design a value proposition that addresses the Jobs to be Done (JTBD), pains and gains of your customer
- » Tailor the channels and relations to the specific needs and behavior of each persona you want to target
- » Apply as many of the 3x3 innovation types as you can when defining your business model; innovation is also about how you structure your business and partner network and the unique resources and assets that you have
- » Make a careful make-or-buy assessment when defining the left side of the business model canvas; partnering can reduce risks and time to market

# **BUSINESS MODEL CANVAS**



DOWNLOAD YOUR FREE INNOVATION CANVASES



**CLICK HERE** 







# THE VALIDATION CHALLENGE

When customer, value proposition and business model have been defined, it is time to realize that these are all 'just' hypotheses. They need to be tested in real life and pivoted until customers start buying.

We recognize the following validation challenges:

- Assessing the true potential of new ideas
- Avoiding unjustified investments in bad ideas or hobby horses
- Beating the competition on time-to-market

The main objective in the validation phase is to find data points to support or invalidate your own assumptions. If in this stage, you allow gut feel to take over, you risk spending money on the wrong initiatives. This makes innovation a risky and potentially expensive endeavor.



# SUCCESSFUL INNOVATION IS ALL ABOUT FINDING THE RIGHT 'FIT'

In this phase of the innovation process, 3 types of fit need to be established. Too many companies start their scaling process before these 3 types of fit have been established, leading to the relatively high cost of scaling before they have a solution that is worth to scale.

Your key job is to assess the value proposition's fit with the observed needs of the customer

When you have identified a customer segment, with a specific set of needs, that can be addressed with your innovation, and you have been able to sell your product to a significant number of these clients, and there are using it to their satisfaction... You may have found product market fit!

# **Problem-solution fit**

Do we have a problem worth solving?

test

Have I identified relevant customer jobs, pains and gains I can address with my value proposition?

# Product-Market fit

Have we built something that people want?

test

Do customers react positively to my value proposition and does it get traction in the market?

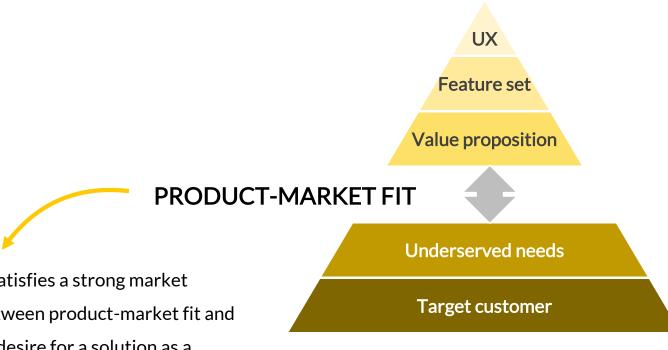
# **Business Model fit**

Have we found the right growth engines?

test

Can I build a business model around this proposition that is scalable and profitable?

# **ALL THREE TESTS HAVE TO BE POSITIVE!**



The degree to which **your product** (or service) satisfies a strong market demand. Note: There is a distinct difference between product-market fit and problem-solution fit. Interpreting a customer's desire for a solution as a desire for your product produces false positives for product-market fit



# MINIMUM VIABLE SOLUTION (MVS) TO ASSESS PRODUCT-MARKET FIT\*

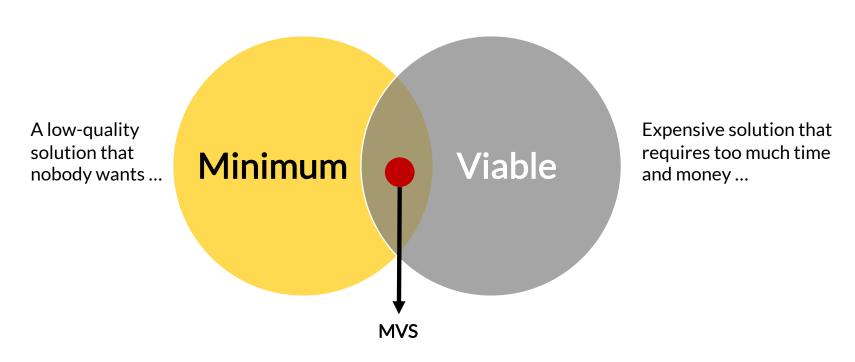
The Minimum Viable Solution (MVS) is a great way for assessing productmarket fit. Via marketing and selling a minimum viable solution you will be able to determine whether you have reached product market fit or not.

# What is an MVS' goal?

The goal of an MVS is to gather data on customer response to your product or service quickly.

### How do I measure success?

One metric for product/market fit is if at least 40% percent of surveyed customers indicate that they would be "very disappointed" if they no longer have access to a particular product or service. Alternatively, it could be measured by having at least 40% of surveyed customers considering the product or service as "must have".



A bare bones version of a product of service that allows to gather data quickly and with little effort

Contrary to other innovation thinkers, we prefer to use the term Minimum Viable Solution over Minimum Viable Product. The main reasons this are that we would like to stimulate innovators to think in terms of solutions rather than products and that it applies to intangibles (services) in the same way as tangibles.



# HOW TO BUILD AN MVS? FAST PROTOTYPING

There are various ways to market an MVS without having to build the whole solution.



### Sketche

- Hand sketches showing possible alternatives
- Simple CAD sketches and drafts



### Scale models

- Model of individual key components
- 3D prints



### Digital

Landing pagesMock-ups



### Platform

 Simple models displaying the layout of a concept Made out of easily accessible material: Lego, cardboard, wood/MDF, foam, plastic etc.



 E.g. models performing a subfunction Allowing for simple testing and experiments



## User scenarios/ storyboards

 Scenarios displaying a potential use case

HOW?



"Fast prototyping" is an approach for communicating ideas or work done in projects in order to get feedback quickly from experiments or relevant stake- holders before detailing the solution. Prototypes should be made early and frequently during the innovation process.

WHY?

To obtain an overview of the realistic possibilities before diving into the details. You will achieve:

- » Faster and more accurate feedback more often
- A more focused discussion of the solution with colleagues and users
- Improved and more possibilities for stakeholders to give you feedback
- » Higher speed of learning by making more and simpler prototypes

The following steps can be repeated several times during the innovation process:

- Identify where your uncertainty is and define key questions that the prototype must answer: E.g. does the design look good? Does it have the right functionality?
- » Identify relevant people to evaluate the model (potential users, experienced colleagues, people from the supply chain and marketing etc.)
- » Select an appropriate type of prototype
- Make the model (or have someone else do it for you)
- » Get feedback/experiment and adjust accordingly



## DEFINING YOUR RISKIEST ASSUMPTIONS

Many innovations fail because their underlying assumptions turned out to be incorrect. The Riskiest Assumption Table allows you to test ideas and validate whether your solution will solve your customers' problems, whether it's a big enough problem to solve, and whether it's a viable business model.

This spin on the MVS approach has helped companies such as Airbnb, Zappos, and Buffer validate their ideas before building their solutions – and their efforts proved to be quite successful.

So, what are you waiting for? Define and test your riskiest assumptions.

Key assumptions / hypotheses	(P)	Likelihood our assumption is wrong*	Business case impact if we are wrong*	Likelihood x Impact
Market attractiveness				
Competitive position				
Value proposition				
Common Francisco				
Other				

Validation of the key ass	umptions		?
Top 3 assumptions	Validation metric	How to validate	



# 15 MEANS FOR HYPOTHESES VALIDATION

Desk research	<b>Do:</b> Market research reports, social media comments, online conversations, Google trends, etc.	Explainer video	Do: develop an explainer video if you have a complex proposition. Add the video to a landing page or a mailing.	Concierge	<b>Do</b> : Deliver a digital service in physical form before building an automated version of the proposition.
Customer observation	<b>Do</b> : Observe (potential) customers for your product or service in context without offering them a solution (yet).	Comprehension test	<b>Do</b> : Run a comprehension test with customers in a 5 to 10 second exposure test and have the customer summarize.	Wizard of Oz	Do: Similar to the concierge service but this time the customer is offered the proposition in a digital format.
Customer interviews	Do: Get out of the building and talk to customers. Use to explore customer needs or test solution ideas.	Pre-sales letter of intent	Do: Have potential customers sign a letter of intent (or even have them pay) for the product or service up front.	A/B testing	Do: Present the customer with multiple versions of the product each with a call to action attached to gauge interest.
Landing pages	Do: Create a simple landing page to present your product and service and direct to Call to Action to gauge interest.	Digital prototype	<b>Do</b> : Develop digital wireframes or software mockups to gather customer feedback. Be sure to integrate tracking methods.	Co-creation	Do: Work with customers to cocreate products. Select early adopters with deep understanding of the job to be done.
Test advertizing campaign	Do: Run a test advertizing campaign with various value propositions in various channels and test the results.	Physical prototype	<b>Do</b> : Create a prototype of your product for the customer to interact with. Also test whether the product can be produced.	Usability testing	Do: Have users complete tasks connected to the value proposition while the product team watches.



### **USER INTERVIEWS**

## ARE IMPORTANT BUT DIFFICULT TO GET RIGHT

Direct user feedback through interviews are one of the most important ways to collect data and validate your hypotheses/assumptions.



FEEDBACK CAPTURE GRID

What is user saying?	What is the user thinking?
What is the user doing?	What is the user feeling?
Functional, emotional and social needs?	Topics to explore further?
Wat surprised me?	Ideas?

USER INTERVIEW TEMPLATE WHAT?

"User interviews" are used to gain in-depth understanding and empathy for future users or customers. Interviews should be conducted in the everyday context of the users to make the understanding more real. The term "user" covers everyone in touch with the product during the consumption chain, e.g. retailers, buyers of the product and end users.

WHY?

HOW?

In-context interviews develop a deep and rich view into the behaviors, thoughts and lives of users and are the best way of uncovering functional, emotional and social needs. The aim is to generate a foundation of new insights, which is necessary.

- » Identify and select users to be interviewed. Include the target group of the product but consider all users throughout the consumption chain.
- Prepare interview guide by brainstorming themes and key questions for the user. Explore the values, desires, frustrations and aspirations of the user. Consider using visual stimuli, e.g. showing competing products.
- Preferably, interview in pairs and take notes during the interview. The interview should be like a conversation allowing for improvisation
- » Fill in the template for user interviews and observation knowledge capture (one template per user)
- » Share key conclusions and insights with your team in a feedback capture grid



### USE THE MOM **TEST TO NAIL YOUR USER INTERVIEWS**

User interviews are extremely difficult to get right. Key insights from The Mom Test help you find the right perspective, overcome psychological bias and improve the quality of your interview.

### Key take-aways:

- Talk about customer's life instead of your idea. It's a common misconception to start a conversation with "Oh, you know, I have such a cool idea for my startup! It's like the new Uber for Instagram. What do you think about it?" Instead, ask people about their habits, life, and what they do day by day.
- Ask about some specifics from the past instead of regarding about generics or opinions about the future. If you ask someone "How often do you go to gym?", then it's more likely that people will respond by hyperbolizing, giving higher numbers. It's fine, everyone wants to appear better than they are, but a better chance to find out the truth comes with the question "How many times did you go to the gym last week?"
- Talk less and listen more. Last but not least, don't just talk about your amazing idea or product, but try to listen very, very carefully and ask a bunch of questions. Design is about questions. Ask many of them.

### **EVERYONE IS LYING TO YOU**

shouldn't ask anyone if your business is a good idea. It's a

### IT'S WORTH DOING RIGHT



How to talk to customers & learn if your

Rob Fitzpatrick



### USE VALIDATION INSIGHTS TO PIVOT

Based on customer feedback, you may need to 'pivot' your original innovation idea.

### Frequently performed pivots:

- » Customer-Pivot: Your product may prove popular but not with the user segment that you had initially targeted. Therefore your product positioning may need to change, and the value proposition, pricing, and channels would all need to be reviewed.
- Channel-Pivot: Here you change how and where you sell your products and services (in stores, online, through partners, in-app). Channel pivots therefore often require adjustments to many elements of the business model.
- » Problem-Pivot: When you find out the problem you are trying to solve is not getting traction, You may need to point your existing product at a different customer "job", or you may need a completely new product.
- » Technology-Pivot: This pivot is when a new technology can be used to achieve the same outcome. This can be beneficial if the new solution has lower cost and/or better performance.

**WHAT?** 

A 'pivot' is a decision that changes something fundamental in your business model. This is often confused with the idea of iteration or new product. A pivot is a structured change / course correction designed to test a fundamentally new hypothesis about your product or growth strategy.

WHY?

Looking at the pivot through a scientific approach of experimentation and discovery, we can find two main reasons to consider pivoting.

- You have new information that invalidates your previous fundamental assumptions
- You have new information that validates fundamental new assumptions.

WHEN?

- Timing can be a tricky balance, with risks associated to both pre-mature pivots and delayed ones.
- The premature pivot is often the result of decisions made based on too few data points. Perhaps an idea didn't gather enthusiasm after initial pitching, or a few people you admire shut it down. This mistake can be proactively countered by: setting clear goals and deliverables, talking to more people & the right people (potential customers/users) and getting out of the door (and into the marketplace).
- The delayed pivot, in contrast, means an opportunity lost. Perhaps a competitor beat you to it, or your stakeholders and resources have worn too thin to assure a proper runway. Either way, you're at risk of draining your team, losing external interest and maintaining the status quo.







### THE SCALE-UP CHALLENGE

Once you have established all three fits, you know you have an innovation with real and significant market potential. Now is the time to start scaling and invest in generating large volumes of business: scaling up. We recognize the following corporate scale-up challenges:

- Creating the right conditions for growth
- Balancing management of core business and innovations
- Turning on the right growth engines

Many organizations struggle in this phase. They either put off scaling for too long or they scale too soon. Depending on which scenario you follow, you may miss the boat or crash prematurely. Scaling an innovation requires careful consideration. "Don't try to scale it until you nail it." is a popular saying. Yet it holds many truths. Especially in a corporate setting, focus on generating early revenues and realizing return on investment is a major factor in premature scaling.



# 6 PITFALLS TO AVOID WHEN SCALING-UP

Ineffective metrics

# CAPITAL OF CAPITAL OF

### **Risk aversion and internal politics**Fear of failure and missing the mark on quarterly goals can discourage creative and innovative thinking

Ambiguities about ownership and roles can lead to gaps that stagnate innovation

Lack of customer centricity

No matter how innovative a solution is, it will be dead on arrival if it lacks a compelling value proposition and feels to meet customers' needs.

Inaccurate or ineffective metrics lead organizations astray and cause them to focus on the wrong objectives

### Solution

Ideas that are just handed over to the business have a slim chance of success. You want that to be very scripted. You want to know how and when that hand off happens, how you'll release it from the innovation side to the operation side.

Create an innovation profile that outlines goals, context and principles. Connecting the dots between innovation projects and business goals creates a greater chance of gaining sponsorship and funding. The Growth Strategy Canvas is a great tool for this.

Ensure that KPIs and incentives recognize that innovation is value-adding. Implement a culture that embraces failure as learning opportunities and encourages whitespace time.

Avoid gaps between ideation, validation and scaling by embracing an innovation culture. Clear communication and shared responsibilities allow you to eliminate the common "drop-off points" in the innovation pipeline.

Ensure you have positively tested for all 3 validation tests: problem-solution fit, product-market fit and business model fit. Involve customers early and often in the development process and use metrics to gauge traction.

Ensure that your metrics address 3 key areas: inputs and types of innovations going into the funnel, the flow rate through the funnel and the revenu and other quantifiable returns on investment.



### **GROWTH STRATEGY CANVAS**

The Growth Strategy Canvas is a helpful guide in preventing misalignment with strategy. It provides the organizational context and guidance for innovation. Most importantly, it makes the connection between innovation and the growth goals of an organization.

### **Growth ambition**

• An inspiring statement of your growth ambitions, split into a longer term BHAG (Big Hairy Audacious Goal) and a mid term ambition

- Be bold and brave when defining the BHAG
- Make sure that your 3 to 5-year ambition is specific and preferably also includes a quantitative measure

### Transformation

- The transformation your business has to make.
- This describes the current state and the future state you aim

### Tips

- Define an inspirational ambition
- Use this as communication tool to the impact of the growth strategy

### Growth goals

The main goals by which you measure the realization of your growth strategy.

### Tips

- Define your goals SMART
- Avoid the hockey stick
- Also include non-financial goals

**@** 

### Growth engines

- The priorities in your growth strategy to realize the growth ambitions.
- Can be new markets, new propositions, acquisitions

- Link growth engines to
- market opportunities
- key strenghts
- Define the underlying value proposition and business model
- Validate growth engines with market data and customer feedback

### **Growth Opportunities**

A summary of the external context and the growth opportunities that this presents:

- Which *disruptive forces* need to be countered
- What are the *future needs* of your customers (also driven by disruption)
- Who will be your future competitors and will this change the *competitive landscape*
- Where do you expect the largest growth potential

### Growth enablers

- The internal improvements that are needed to realize your growth strategy.
- Think of competences, systems, processes, etc.

- Involve key operational people in defining your growth
- Spent sufficient time on defining the enablers as they can be make or break

### **Growth Readiness**

- that all preconditions are in place
- Helps to identify the growth enablers that need to be included in your strategic action plan

• Make sure your organization is ready for growth and

• Check this upfront to make sure you identify potential restrictions



### Growth execution

Per growth engine and growth enabler you define strategics actions / projects that will be executed

- Define the strategic projects in more detail by the project leads
- Think about how you will monitor and manage the execution of the strategic roadmap

**DOWNLOAD YOUR FREE INNOVATION CANVASES** 



**CLICK HERE** 



## VALIDATE, PIVOT AND SCALE UP OR DIVEST?

The last phase of the innovation process pertains to generating business value at scale. An innovation now enters the monetization phase.

Again, this phase shouldn't be entered if there are no clear signs of problem-solution fit (are we addressing the right problems?), product-market fit (have we built something the market wants or needs?) and business model fit (can we produce at scale in a viable way?).

Pursuing an innovation in this stage without proper sign off on the three tests puts your money and company reputation at risk. So, proceed with caution and construct a sound growth plan.

ONCE AGAIN, ARE
ALL THREE TESTS
POSITIVE BEFORE
YOU SCALE UP?

Problem-Solution fit
Do we have a problem worth solving?

Product-Market fit
Have we built something people want?

Product-Market fit
Have we found the right growth engines?

Product-Market fit
Business Model fit
Have we found the right growth engines?

Product-Market fit
Basiness Model fit
Have we found the right growth engines?

Product-Market fit
Basiness Model fit
Have we found the right growth engines?

SCALING
REQUIRES A
SOUND
GROWTH PLAN

### Scale up ambition

What are our short term and long-term growth ambitions? What is your BHAG?

### Engines of growth

How do we fuel the scale up phase? Lifetime value, retention rates, viral coefficients, etc.

### Scale up organization

Where can the business be scaled best? How should governance be arranged?

### Scale up investment

Move from frugal / affordable loss spending into growth investment.

### Scale up roadmap

Where can the business be scaled best? What are the required enablers for growth?

### **Establishing growth metrics**

What (activity & impact) metrics do we apply to the business and what should be their values?



# DATA DRIVEN DECISION MAKING

Making objective decisions about innovation in a corporate setting requires data and a data driven mindset.

Decision making in an organization is often fraught with cognitive biases which are counter productive in many cases and outright dangerous in others.

When making decisions about innovation make sure you recognize the common cognitive biases and address them in your organization.

### **COMMON COGNITIVE BIASES**

Framing

Ambiguity	The tendency to avoid options for which missing information makes the probability seem unknown.		Optimism	The tendency to be over optimistic. Also known as wishful thinking or planning fallacy.
Anchoring	The tendency to rely too heavily on one piece of information.  Often rooted in company myths and beliefs.		Selection	The tendency to notice something more when someone or something causes us to be more aware of it.
Group think	The tendency to believe things because many other people do or believe the same way.		Sunk cost / loss aversion	The disutility of giving up an object is greater than the utility associated with acquiring it.
Confirmation	The tendency to search for and interpret information and data in the way that confirms one's preconceptions.	S	Semmelweis reflex	The tendency to reject new evidence that contradicts a set paradigm.
Framing	Drawing different conclusions from the same information			

depending on how or by whom the information is presented.



# SCALE UP ACCOUNTING: FROM ACTIVITY TO IMPACT METRICS

When scaling up an innovation one moves from activity metrics which are focused on progress of delivery towards impact metrics. Impact metrics are a set of leading and lagging indicators which are based on an innovation's business viability.

### THE IMPORTANCE OF METRICS

Metrics are key in presenting measurable results to leadership. Being transparent on what innovations deliver drives trust and autonomy. Furthermore, being aware of the right metrics prevents innovations to be evaluated in the wrong way.

	Activity metrics	Impact metrics
Reporting	<ul> <li>» Number of growth tactics tested</li> <li>» Number of experiments run</li> <li>» Number of customers engaged</li> <li>» Number of channels tested</li> <li>» Number of usability tests run</li> <li>» Validation velocity</li> </ul>	<ul> <li>» Cohort analysis</li> <li>» Pirate metrics         <ul> <li>(acquisition, activation, retention, revenue, referral)</li> </ul> </li> <li>» Growth engines (lifetime value, retention rates)</li> <li>» Revenues and profits</li> </ul>
Governance	<ul> <li>» Number of products in the pipeline</li> <li>» Number of reviews submitted</li> <li>» Number of decisions made</li> <li>» Number of products moving sub-stages</li> <li>» Average amount spent per sub-stage</li> </ul>	<ul> <li>» Stage gate criteria</li> <li>» Average growth rates</li> <li>» Growth hypotheses validated</li> <li>» Return on investment         (ARR, IRR, NPV)</li> <li>» Process improvement metrics</li> </ul>
Global	<ul> <li>» New products by type of innovation (core, adjacent, transformational)</li> <li>» % of products aligned to innovation thesis</li> <li>» Number of patent filings</li> <li>» Number of products built using lean</li> <li>» Partnerships and collaborations</li> </ul>	<ul> <li>» Innovation contribution</li> <li>» Cost savings</li> <li>» Innovation conversion</li> <li>» Market share (new segments, shelf space, share of wallet distribution footprint)</li> <li>» Customer satisfaction</li> </ul>



### REVELX

### INNOVATION READINESS BENCHMARK

Gain valuable insights into how to increase your innovation power.

Our Innovation Readiness Benchmark will help you to assess your innovation strengths and weaknesses and to improve your innovation performance.

### **BECOME A BEST-IN-CLASS INNOVATOR**

To become a best-in-class innovator you first need to understand your current innovation power and the key improvement areas.

This is the first step in order to stay relevant to your customers, stay ahead of your competitors and defend yourself against disruptive forces. How? Through the Innovation Readiness Benchmark.

	Scope of the RevelX Innovation Readiness Benchmark	
		4
<i>I</i> z	Customer centricity	
<b>7</b> ′ Disruption	Organizational agility	<b>Y</b>
risk and sources of	Innovation portfolio management	Innovation performance
disruption	Organization of innovation	
	Innovation skills and competences	
	Innovation culture and leadership	

# 'YourBusiness' Innovation Readiness Dashboard Score of YourBusiness' average all participants Delta with average all participants Delta with high performers in benchmark Innovation Strategy ■ Extrively daugree Dougree Agree including the performers in benchmark We have well defined and ambitious innovation targets 2 -1.3 -2.1 We have a clear understanding of future innovations that can disrupt our industry 3 -0.5 -1.2 Innovation is not only focused on new products but on our entire business model 3 -0.8 -1.3 Our organization invests sufficiently in projects with a long term horizon 2 -1.3 -2.0 Customer Centricity We actively explore the customer's future needs as starting point for our innovation 4 0.3 -0.4 We invite customers to discuss new ideas for propositions and business models 5 1.3 -0.9 We test our hypotheses or prototypes for new innovations with our customers 3 -0.7 -1.1 We measure customer satisfaction and use that to drive our innovation 3 -0.3 -0.9 The voice of the customer is leading in our decision making on innovation 4 0.6 -0.3 Organizational Agility We have implemented agile as le

### **INCREASE YOUR INNOVATION POWER**

- Measure the innovation power of your organization against 35 innovation best practices.
- Gain insight in new forces that can potentially disrupt your industry.
- Compare your organization with the high performers in our benchmark.
- Understand which areas can drive innovation performance.
- Receive a personal report including customized recommendations

LEARN MORE AND
PARTICIPATE IN THE
BENCHMARK

**CLICK HERE** 









# REQUIRE FURTHER ASSISTANCE?

You're more than welcome to contact us for a FREE 30 minutes **Innovation Consult.** 







matthijs@revelx.nl





### FREE INNOVATION CANVASES

### DOWNLOAD YOUR FREE INNOVATION CANVASES



**CLICK HERE** 



### **Growth Strategy Canvas**

If you really want to reach growth make sure you have a clear strategy.



### **Persona Canvas**

Start to think about who you're doing it for and find what drives your persona's.



### Lean Analytics Roadmap

Define what features you should add, identify when to add those features.



### Customer Journey Canvas

How does your customer behave? Use the Customer Journey to define your company's opportunities.



### Growth Experiment

Define the goals of your experiments and how they fit in the marketing funnel.



### MVP Feature Canvas

Building an MVP is great way to validate your product idea.



### Business Model Canvas

Classic. Define how you're business is going to thrive.



### Value Proposition Canvas

Make sure you create a product people actually want.

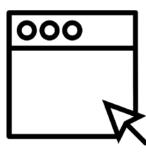
10

BONUS: THE INNOVATOR'S DIGITAL TOOLKIT



### THE INNOVATOR'S DIGITAL TOOLKIT

CLICK ON THE LINKS TO VISIT THE TOOL'S WEBSITE



### **Analysis**

- » Analysis on small datasets: Google Sheets, MS Excel / MS Access
- » Analysis on large datasets: <u>SPSS</u>, <u>RapidMiner</u>, <u>RStudio</u>, <u>Jupyter</u>
- » Business Intelligence tools: <u>Tableau</u>, <u>PowerBI</u>, <u>Qlik</u>, <u>Looker</u>
- » Surveys: Typeform, SurveyMonkey, GoogleForms, Survio
- » Web/App analytics: Google Analytics, Amplitude, Segment, Heap, Mixpanel
- » Dashboarding: <u>Databox</u>, <u>Geckoboard</u>, <u>Google Data Studio</u>
- » Text / natural language analysis: MonkeyLearn, Keatext

### Communication, design & interaction

- » Chat based communication: MS Teams, Skype, Slack, Mattermost
- » Prototyping: InVision, Figma, Proto.io, Sketch, Framer, Marvel
- » Collaborative whiteboards: Miro, AWWapp
- » Interactive presentations: MentiMeter, Klaxoon, Sli.do
- » Graphic design: Canva, Stencil, PicMonkey, DesignBold
- » Icons: <u>The Noun Project</u>, <u>Flaticon</u>, <u>Icons8</u>

### **Ideation & Validation**

- » Brainstorming: MindMeister, Draw.io
- » Idea / ideation management: <u>NEXT</u>, <u>Ideanote</u>, <u>Viima</u>, <u>BrightIdea</u>, <u>Evulu</u>
- » Crowsourced ideation: <u>HYPE</u>, <u>Yambla</u>, <u>Taikai</u>, <u>Gleam</u>
- » User feedback / panels: <u>UsabilityHub</u>, <u>Usertesting</u>, <u>Testbirds</u>, Validately
- Whiteboard to tekst scanner: <u>Office Lens</u>, <u>Google Keep</u>,
   <u>CamScanner</u>
- Other: Airtable

### Idea and project management

- PM tools: <u>Asana</u>, <u>Monday</u>, <u>Wrike</u>, <u>Trello</u>, <u>Flow</u>, <u>Basecamp</u>, <u>Teamwork</u>
- » Portfolio management: <u>Planview</u>, <u>Primavera</u>, <u>Clarity</u>, <u>Celoxis</u>, <u>Bizztracker</u>, <u>PowerPPM</u>
- » Gantt & roadmaps: SmartSheet, TeamGantt, Aha!, Airfocus
- Personal to do management: <u>Todoist</u>, <u>Any.do</u>, <u>OmniFocus</u>
- » Note taking/management: Notion, EverNote, OneNote, Confluence



RevelX 2020. All rights reserved.