

Teaming Up with Other Corporations to Better Innovate with Start-Ups

Hands-On Guidance







Funded by the European Union



Authors

Ma Julia Prats

IESE Business

School

Josemaria Siota

IESE Business

School

Carla Bustamante
IESE Business
School*

Beatriz Camacho
IESE Business
School

The information presented in this report is derived from IESE's Entrepreneurship and Innovation Center Open Innovation series report titled "Corporate Venturing Squads: Teaming up with Other Corporations to Innovate with Startups." This publication serves as a supplementary visual representation of the research findings contained within the aforementioned report. The content included here primarily focuses on presenting the data in a new visual format, with minor updates or additional information. This visualization was specifically crafted to serve as a practical tool for Chief Innovation Officers (CINOs) and innovation initiatives such as the EU-LAC Digital Accelerator. By offering a different presentation style, this report aims to provide a new perspective on the research findings, potentially highlighting nuanced insights



Readers are encouraged to refer to the original IESE report for comprehensive details and analysis

https://www.iese.edu/insight/articles/unlock-innovation-corporate-venturing-squads/

*The author was affiliated with IESE Business School at the time of the publication of the original report but is no longer associated with the institution

To all established companies and innovative start-ups looking to create value through collaboration

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Executive Summary

When corporations partner up to unlock innovation, all can benefit

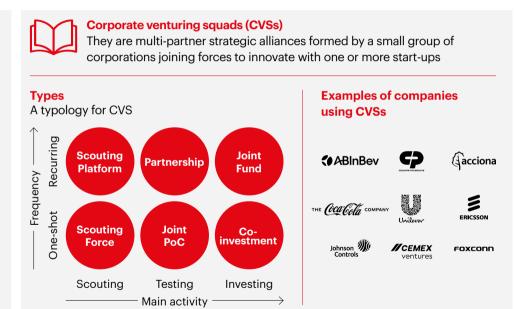
What is corporate venturing (CV)?

The collaborative framework that acts as a bridge between established companies and innovative start-ups¹

CV collaboration can happen through:

- Alliances
 - Dyadic: 1 corporate + 1 or more start-ups
 - Multi-partner: 2 or more corporates + 1 or more start-ups
- Distinct CV mechanisms

 (e.g., challenge prize,
 corporate venture capital,
 venture client, venture builder,
 corporate accelerator...)



Ongoing case example

- CVS as a tool to boost EU-LAC Digital Accelerator
- A digital acceleration bridge between Europe, Latin America, and the Caribbean
- Facilitating inter-regional cooperation between corporates and start-ups through CV



Research based on 50 cases from North and South America, Western Europe, the Middle East, and Asia-Pacific

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Introduction

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Collaborating With Start-Ups to Achieve Profitable Growth

As open innovation practices become more widespread, companies are increasingly looking for ways to collaborate with start-ups and promote inter-organizational collaboration to drive innovation

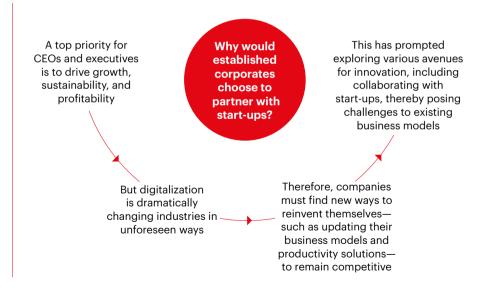
Open Corporate venturing

Corporate venturing (CV)

The collaborative framework that acts as a bridge between established companies and innovative start-ups¹

Open innovation

Open innovation is a paradigm that assumes that firms can and should use external ideas as well as internal ideas, and internal and external paths to market, as the firms look to advance their technology²



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What Are the Different Corporate Venturing Mechanisms?

expertise and technical support, including skilled

mentorship, which increases their chances of getting

access to funding

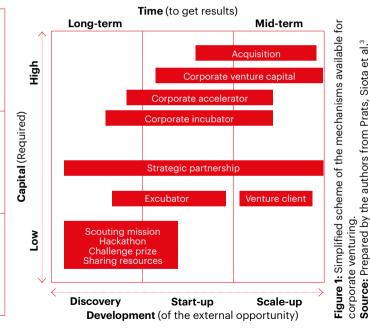
We are moving toward a hybrid model, combining the best features of corporate innovation and the start-up world, in which both startups and corporations are needed to come up with new solutions for the complex problems we face in business and society at large¹

Scouting mission Hackathon Sharing resources Challenge prize Mission undertaken by A focused, intense Form of collaboration An open competition professionals from an workshop in which where resources focusing on a specific industry, tasked with software developers are shared between issue. Gives incentives finding interesting startcollaborate to find corporations, who gain to provide innovative ups and innovations. technological solutions to visibility, and start-ups. solutions to current aligned with a companies a corporate problem within who get access to cost corporate problems a timeframe effective or free corporate strategy resources Corporate accelerator Corporate venture capital Acquisition Corporate incubator Program that provides Corporations target equity Purchase of start-ups A program where intensive short or mediumby companies to access entrepreneurs are provided investment at start-ups term support to cohorts of that are of strategic their commercially ready with a set of value-added rapid-growth start-ups via interest, beyond a purely products or technologies mentoring services and financial return. They that solve specific business working spaces to build mentoring, training, and physical working space get access to innovative problems or help them market ready business technologies and start-ups enter new markets models, in exchange for a aet know-how share of equity Strategic partnership^A Venture client Venture builder Corporations aim to fast-track the growth of start-ups An alliance between Strategic partnerships through a combination of several tools (mainly corporate corporations and startallowing corporations ups to enable them to to buy a start-up's initial incubators and corporate accelerators). While start-ups define, develop, and product or service. develop tailor-made prototypes for a corporation to pilot innovative solutions providing start-ups with solve a problem, entrepreneurs gain access to facilities.

a first client and giving

corporations access to

start-ups with a ready MVP



together, building a

relationship and synergies

Value Added of CVSs

Its important to consider not only what corporate venturing mechanisms you use but also who you collaborate with

Two criteria can be used to classify your corporate venturing initiative

Criteria	Options
Which corporate venturing mechanism is used	1 to 11 mechanisms
Number of parties involved	Dyadic / Multi-partner

Why CVSs?

- Embrace open innovation by collaborating with other corporates
- Share insights and information about unique innovation challenges collectively
- Foster teamwork and trust by tackling challenges together
- Enhance corporate value proposition amidst competitive scouting environments
- Access assets and capabilities for potential competitive advantages in respective industries

Methodology

A new study was conducted to provide insights into the emerging trend of the CVS as a form of inter-organizational cooperation for promoting innovation



Readers are encouraged to refer to the original report for comprehensive details and analysis

Objective to understand the characteristics of a CVS and offer CINOs a typology for informed decision-making in such collaborations

50

CVSs analyzed

Interviews with CINOs and related personnel

Companies

340

CVS Members^B

Regions: North and South America. Western Europe, the Middle East. and Asia-Pacific

Part I: Corporate Venturing Squads (CVSs)

What is a CVS ?

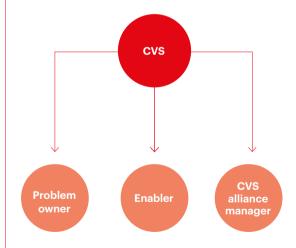
Corporate venturing squad (CVS)

 CVSs are multi-partner strategic alliances, formed by a small group of corporations, joining forces to innovate with one or more start-ups

The study revealed that most CVSs involved three distinct roles

	Problem owner	Enabler	Alliance manager
What	Represents demand side of innovation	Facilitates innovation processes between start-ups and problem owners	Supports the building and sustaining of the alliance
Who	Corporations, SMEs, or government agencies	Well-connected organizations in the ecosystem promoting collaboration	Internal CVS party (often holding dual roles e.g., also a problem owner) or external party
How	They face the problem of innovating and use start-ups as part of the solution	A role that may or may not be present in CVSs	Oversees collaboration and facilitates outcomes
	Aims to foster collaborative innovation	Role is relevant for companies with limited resources	Complex role as it involves relationship management

Figure 2: The three roles within a CVS



Corporate Benefits

This study identifies that joining a CVS can have five main benefits for the corporates



Increased quantity and quality of deal flow

A CVS allows companies to share and leverage scouting capabilities, providing a more attractive value proposition to start-ups than if a corporate was working alone



Improved corporate innovation networks

CVSs improved companies' network and position in the innovation ecosystem



Learning together and sharing best practices

Interviewees highlighted the significance of knowledge sharing as a direct outcome of being a part of a CVS



Enhanced credibility and visibility

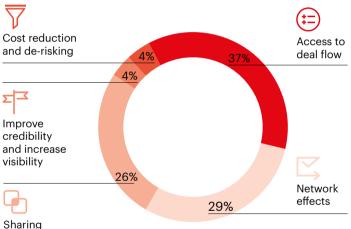
CVSs contributed to enhancing a firms credibility and visibility



Reduced innovation costs

The ability to share costs and risks in order to innovate

Figure 3: Corporate benefits by relevance



Sharing knowledge

Note: CVS members, N = 165; results are based on 405 (benefits) answers. It was an open-ended question and respondents could provide more than one answer.

CVS Types: Classification Criteria

Study found that CVSs are not all equal and are not static

A typology was created based on two key criteria: **frequency of collaboration** and CVS **main activity**

Frequency of collaboration among companies and start-ups, where CVSs can be established with varying time horizons

1

One-shot

One-time isolated event

2

Recurring

Longer engagements among CVS members To decide when and why a company should engage in or form a CVS, identifying its **main activity** is essential

1

Scouting

CVS Scouting allows corporations to share specific needs and challenges gaining specialized access

2

Testing

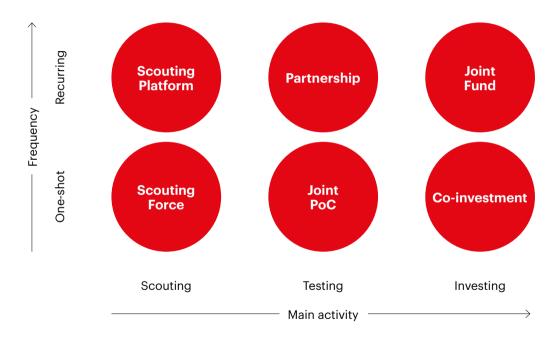
Establishment of a long term relationship and co-development of products and services 3

Investing

Two or multiple companies investing in one or several start-ups

The 6 CVS Types

Figure 4. A typology for corporate venturing squads



1/6 Scouting Force

A **scouting force** aims to generate deal flow for corporations, providing opportunities to identify, understand, and explore potential collaborations with start-ups. One-shot initiative aimed at testing the waters of collaborative innovation

Example: International Innovation Challenge⁴



International challenge organized by Hello Tomorrow calling for innovative solutions for carbon capture, utilization, and Carbon Dioxide Removal technologies

Corporate members	galp 🙆 🕏 REPSOL
Sector	Energy and environment
Countries	Portugal and Spain
Benefits for start-ups	 €50,000 for the winning team PoC funding Industrial strategic support Access to a global business network

Launched in	Start-ups applied ^c	Start-ups selected
2022	70+	1

6 Scouting Platform

A scouting platform aims to bring deal flow to corporations. It is the same as a scouting force but it is recurrent over time. Scouting forces can become scouting platforms if successful

Example: Future Tech 2.05



It is a platform to influence the tech-driven start-up ecosystem, serving business needs

Collaboration aimed at unlocking synergies from cross-industry expertise, maximizing value and impact

Corporate members ^D	The second of th	
Sector	Energy and environment, Agriculture, ICT, Financial and insurance activities	
Countries	Malaysia, Singapore, South Korea, and Switzerland	
Benefits for start-ups	 Increased collaboration and partnerships Faster iteration cycles Access to new markets, industry needs, and technology for growth 	

Launched in	Start-ups applied	Start-ups selected
2018	500+	35+

3/6 Joint PoC

A joint PoC is a scenario where two or more companies collaborate with a start-up to develop or enhance a product or service in a one-time collaboration

Example: Greentown Go Move challenge⁶



Greentown Labs

An initative by GreentownLabs, brought corporates and climatetech start-ups together to advance solutions that decarbonize the automotive industry's life-cycle impact

It zeroed in on material innovations for automotive efficiency, material innovations for shared and future mobility, and materials and process innovations for recycling

Corporate members	À MAGNA U-BASF We create chemistry	
Sector	Transportation, Chemicals and materials	
Countries	Canada, Germany, and the United States	
Benefits for start-ups	 Access to ecosystem, investors, and facilities Mentoring Venture development services Software and business resources 	

Launched in	Start-ups applied	Start-ups selected
2022	100+	5

4/6 Partnerships

A partnership is similar to joint PoCs but the collaboration arrangement includes recurrent PoCs among CVS members with either the same or different start-ups

Example: Verbund x Accelerator⁷



Aims to support start-ups in accessing resources, making fast decisions, securing proof-of-concept budgets, and accessing venture capital, while also aiding corporates in overcoming challenges swiftly, and gaining access to start-ups

Co-creation platform focused on energy sector transformation

Corporate members	OMV Verbund □BAG alperia	BIG **** voestalpine
Sector	Energy and environment, Financial and insurance activities, Chemicals and materials, Transportation, Construction, and Business services	
Countries	Austria	
Benefits for start-ups	Resource accessFast decision-makingPoCVenture capital access for growth	
Launched in	Start-ups applied	Start-ups selected
2019	300	99

2020

5/6 Co-Investment

Co-investment is when companies offer investment opportunities for start-ups as a one-time deal (i.e., one investment in one or more start-ups). It involves collaboration among member companies, excluding cases where two or more corporates have independently invested in the same start-up, whether focusing on strategic and/or financial returns

Example: Solatom8-9



Develops solar boilers for the generation of heat in the form of steam, pressurized hot water and thermal oil for industrial applications

Corporate members	enagas Ship2B	bp	
Sector	Energy and environment, Business products and services		
Countries	Spain		
Benefits for start-ups ^E	 Funding that enables the expansion of the product portfolio and international expansion Access to financial, technical, and industrial support 		
Launched in	Start-ups applied	Start-ups selected	

6/6 Joint Fund

A joint fund, created with capital from the CVS partners, is a structured investment vehicle that allocates several rounds in one or more startups, and separates ownership from management

Example: Kamay Ventures¹¹⁻¹²



Kamay Ventures is a venture capital fund managed by Overboost, facilitating joint investments

Shared strategic goal: to improve various stages of production processes beyond financial returns

Corporate members	THE COMPANY RECOR	
Sector	Food and beverages, Other financial services	
Countries	Argentina, the United States, and Mexico	
Benefits for start-ups	 Access to capital and project acceleration Scale and validate solutions PoC Company building Forge strategic alliances 	

Launched in	Start-ups applied	Start-ups selected
2019	5,000	12

Key Considerations for Successful CVSs

Dyad and multi-partner alliances face some common challenges in the success of their joint ventures

Key considerations for multi-partner alliances 13-16

- Be aware of organizational complexity and coordination difficulties.
- Pay attention to strategic fit among all parties
- Be aware of coalitions and internal competition
- Be aware of social exchange issues and knowledge leakage

To analyze these challenges this study used two criteria:

- I. Types of issues faced
- II. Phase in which they occur

I. Types of issues faced

Two fundamental elements for the success of your CVS

I. Governance

Determining objectives, devising decision-making processes, allocating benefits and addressing intellectual property concerns

II. Operations

Proper execution of day-to-day business activities such as resource scarcity

II. Phase in which they occur

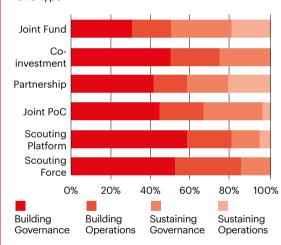
I. Building phase

Prior to the launch of the CVS and involves the establishment and desian

II. Sustaining phase

Begins after the launch and encompasses the implementation of the **CVS**

Figure 5: Challenges faced by CVS members by CVS type



Note: Building/governance, (CVS members, N = 131); building/operational (N = 57); sustaining/governance (N = 44); sustaining/operational (N = 19). Results are based on 268 (challenges) answers. It was an open-ended question and respondents could provide more than one answer. Source: Prepared by the authors.

Part II: CVS Typology Applied

Part II: CVS Typology Applied © IESE Business School 19/38

What is the size of a CVS?

Several studies have explored the relationship between the size and performance of a strategic alliance. Larger alliances lead to significant issues related to contract completion and higher cooperation costs^{17,18}

Recurrent CVSs generally have more members than one-shot CVSs

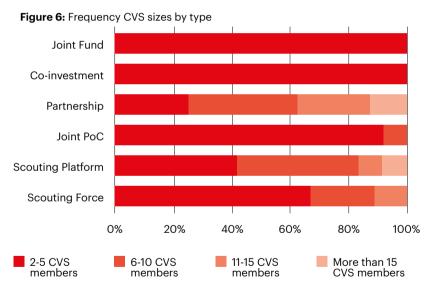
Recurrent alliances offer more opportunities for learning and knowledge sharing among partners, which can lead to more extensive partnerships

Additionally, establishing one-shot CVSs may be influenced by transaction costs, which can limit the partnership's size and scope

In general, CVSs dedicated to investing in a start-up or conducting a joint PoC are smaller

Evaluating potential candidates when investing in a start-up can be time-consuming, and a smaller CVS can make this process more efficient

Similarly, conducting a joint PoC involves a small group of partners who can work closely together, which can be more challenging with a larger group



Note: CVS members (problem owners, enablers and CVS managers) N=340, CVS, N=50.

Source: Prepared by the authors.

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How Many Start-Ups Were Scouted and Selected?

Supply side of innovation. Start-ups possess the agility and dynamism required to tackle the challenges posed by corporates with remarkable speed and creativity

How many start-ups are usually involved in the process of scouting and selecting in a CVS?

The study found that each type of CVS exhibits distinct trends: One-shot CVSs show lower engagement with start-ups compared to recurrent CVSs

	One-shot	Recurrent
Scouted average	30 start-ups	1,228 start-ups
Selected average	2 start-ups	18 start-ups

Overall number of start-ups

Selected: range 1 - 167 Scouted: range 1 - 5,000

Kev insights

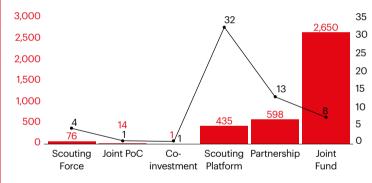
Joint funds exhibit selection rates of 0.3%

- Notably low selection rate
- Selective process
- Focus on only a few high quality start-ups for investing

Scouting platforms and partnerships exhibit selection rates of 7.36% and 2.17% respectively

- More exploratory approach
- Willingness to consider larger number of start-ups

Figure 7. Median scouted and selected start-ups by CVS type



Scouted Selected

Note 1: Scouted start-ups, (CVS, N = 38); selected start-ups, (CVS, N = 45).

Note 2: Vertical left axis = scouted start-ups (0-3.000); vertical right axis = selected start-ups (0-35).

Note 3: Joint PoCs and partnerships sometimes belong to the same corporate collaborative initiative. See footnote F.

Number of Corporate Departments Involved in a CVS

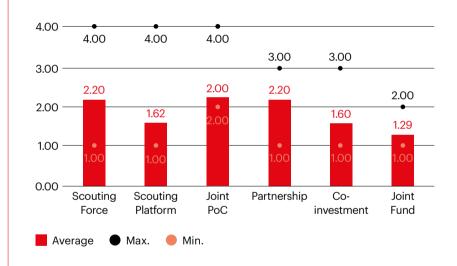
Cooperation and coordination are at the heart of a strategic alliance

Ĭ.

Coordination is a challenge that shapes the effective alignment of actions to achieve joint goals²¹

How many departments are typically involved in the management of a CVS?

Innovation can emerge from multiple areas within an organization and is not confined to a single department Figure 8: Number of departments involved in the management of the CVS by type



Note: CVS members, N = 118; results are based on 228 (departments) answers. It was an open-ended question, and respondents could provide more than one answer.

Which Departments are Involved in a CVS

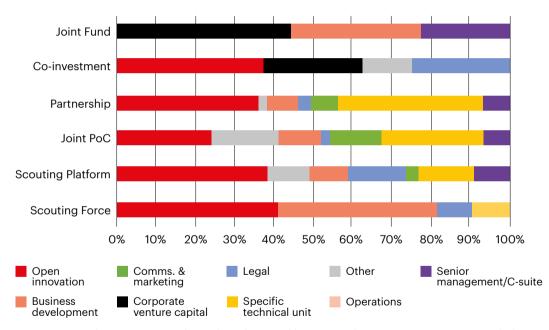
... And which departments are typically involved in the management of a CVS?

The research showed that there are different departments involved, depending on the type of CVS

The most frequent

departments involved are open innovation (scouting platforms and co-investments, 38% each), open innovation and business development (scouting forces, 41% each), specific technical units (joint PoCs, 26%), open innovation and specific technical units (partnerships 36-37%), and corporate venture capital (joint funds, 44%)

Figure 9: Number of departments involved in the management of the CVS by type



Note: CVS members, N = 118; results are based on 228 (departments) answers. It was an open-ended question, and respondents could provide more than one answer.

CVS Mechanisms: Number



One critical aspect of designing a successful CVS is selecting the appropriate CV mechanism(s)



Innovation leaders must carefully evaluate the type of CVS they ioin and determine which CV mechanism is most effective

typically used in a CVS?

How many mechanisms are

CVSs can use diverse CV mechanisms

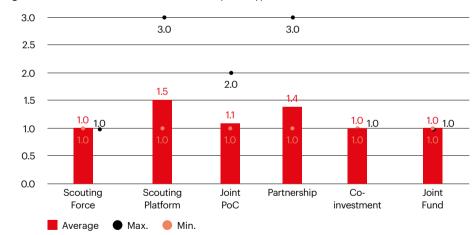
They differ in terms of:

- Speed
- Cost of implementation
- Maturity stage of start-ups engaged (i.e., discovery, start-up, or scale-up)

This study found CVSs use...

- Only one or a limited number of mechanisms
- The maximum number of mechanisms used within the same CVS is 3



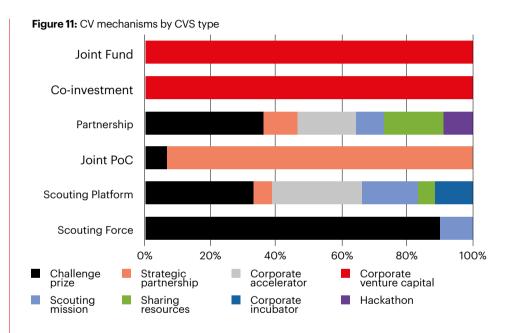


Note: CVS, N = 50; results are based on 60 (mechanisms) answers. A CVS can use more than one corporate venturing mechanism.

CVS Mechanisms: Type

Are there differences among preferred mechanisms if we consider different types of CVSs?

Yes, there are nuances related to which corporate venturing mechanism to use



Note 1: CVS, N = 50; results are based on 60 (mechanisms) answers. A CVS can use more than one corporate venturing mechanism.

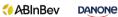
Note 2: In this figure, the strategic partnership mechanism also incorporates the venture client due to the wide variety of engagements found in the sample.

1/3 Case: 100+ Accelerator²⁰

The 100+ Accelerator was launched in 2018 by AB InBev to support the achievement of the United Nations Sustainable Development Goals (SDGs) in the supply chain of the food and beverages industry as well as to fuel the growth of start-ups developing critical sustainability solutions

Members







Purpose

Source, validate, and scale sustainable technology, products, and services

Industry

Sustainable innovation in supply chains

CVS Type: Partnership

Recognizing the need for collective action to deliver systemic change, AB InBev partnered with The Coca-Cola Company, Colgate-Palmolive, and Unilever in 2021 to catalyze innovation. Danone joined this initiative in 2024. These large companies share many of the same processes and sustainability challenges within their supply chains, and working together reduces their innovation costs and efforts

- Allows start-ups to pilot innovations, addressing challenges in corporate value chains
- Scales start-ups' solutions faster
- Offers up to \$100,000 for testing viability of product
- Provides coaching from business experts

"[P]artnerships like these are critical for transforming global supply chains towards a greener future" -Marc Enge, Unilever's Chief Supply Chain Officer²²

Food and beverages	
Other consumer products manufacturing	

3,000
81
The United States
Mentoring Access to market

Part II: CVS Typology Applied © IESE Business School 26/38

2/3 Construction Start-Up Competition²³

The Construction Start-up Competition was launched in 2017 by CEMEX Ventures, looking for solutions in the construction industry in sustainability, speed, efficiency and innovation

Members **Purpose** Industry Scout start-ups leading Construction industry the transformation of the construction NOVA ferrovial industry

CVS Type: Scouting platform

The competition was designed to scout start-ups with the ambition to lead the transformation of the construction industry. After three successful editions, other industry leaders, including Ferrovial, Hilti, VINCI Group's Leonard, and NOVA by Saint-Gobain, joined the competition in 2020

- Has a collaborative approach with industry leaders and partners
- Enhanced value proposition for start-ups
- Access to portfolio of important contacts and strategic investment
- Possibility to pilot and test their solution in real markets in many countries
- Innovation in a traditionally less digitalized sector

"[Clombining this competition with partners with a diverse set of capabilities (...) creates a consortium of people which can see the construction value chain from end to end with different perspectives"24 -Gonzalo Galindo, Head of CEMEX Ventures

Sub-sector
Social infrastructure
Financial services
Consumer products manufacturing
Business and industrial services
Construction materials
Roads and bridges

Impact	
Start-ups applied	1,264
Start-ups selected	6
Countries	Mexico and Spain
Benefits	Visibility Credibility Funding

27/38 © IESE Business School Part II: CVS Typology Applied

3/3 MobilityXlab²⁵

MobilityXlab was launched in 2017 as a collaborative hub in Sweden. Focused on the mobility sector it offers start-ups with pioneering ideas the opportunity to accelerate through a strategic partnership

Members

¬ polestar







Purpose

Accelerate start-ups Generate commercial projects between start-ups and partners

Industry

Mobility sector

CVS Type: Scouting platform

This collaborative platform originated from Zenuity, a joint venture between two of the founding members that were already located in Lindholmen Science Park.²⁶ Although some of the founding members had already been collaborating, a larger collaboration arrangement was established to enable faster innovation through the involvement of more players

- Provides an innovation lab and expo space
- Offers strategic partnerships with seven global players in mobility and connectivity
- Aim to generate commercial product between the start-up and the corporate
- To qualify for acceptance at least two corporate partners must be on board

"The new technologies will offer many advantages for our customers and society in general. However, if we in the automotive industry are to fully leverage the possibilities, we have to work smarter, faster and far more closely with others" - Martin Lundstedt. CEO of the Volvo Group²⁷

Sub sector	
Means of transport: manufacturing	
ICT and System software	
Business and industrial services	

Impact	
Start-ups applied	598
Start-ups selected	69
Countries	Sweden
Benefits	Mentoring Funding

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Part III: Now What?

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How Can These Results Help Chief Innovation Officers?

This study introduces the CVS, a novel type of multi-partner alliance that aims to drive corporate innovation through the cooperation of multiple corporations working as a team, innovating together with start-ups

This emerging phenomenon has the potential to continue improving the innovation landscape through:

Fostering collaboration across multiple sectors and stakeholders

Providing a platform for long-term commitment and cross-industry knowledge sharing

Even if CVS members are competitors they can benefit from these strategic partnerships

Looking beyond cost savings: Top 5 benefits



Improve

credibility and

increase visibility

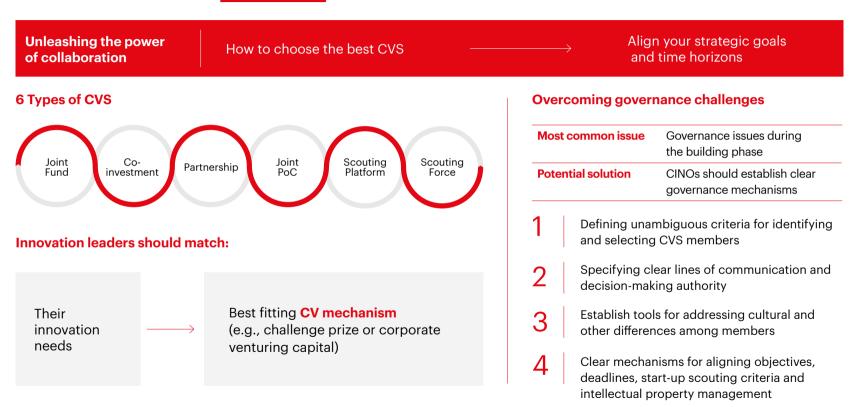


Network

effects



How Can These Results Help Chief Innovation Officers?



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Appendix: Ongoing Case Example. **EU-LAC Digital Accelerator**

Appendix: Ongoing Case Example © IESE Business School 32/38

What is the EU-LAC Digital Accelerator?

The EU-LAC Digital Accelerator is an initiative financed under the Neighborhood, Development and International Cooperation Instrument (NDICI-Global Europe) under the EU-LAC Digital Alliance framework, focused on fostering multi-stakeholder and private sector collaboration, competitiveness, digital skills and innovation, through the establishment of a regional EU-LAC Digital Accelerator

Building bridges to accelerate digital transformation in Europe, Latin America and the Caribbean

Goals:

- **1.** Establish high potential digital areas for collaboration opportunities
- 2. Facilitate connection between corporate challenges and innovative solutions
- **3.** Develop sound joint business cases
- **4.** Connect digital projects with public and private investors



IDB LAB

EU-LAC boosts digital transformation through open innovation by accelerating partnerships between corporates and start-ups or small and medium enterprises

Acceleration pathway

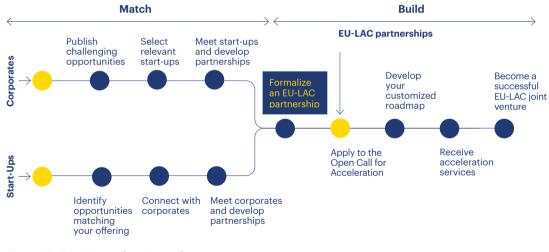


Figure 12. EU-LAC acceleration pathway Source: EU-LAC Digital Accelerator.²⁸

Unlocking Synergies: Individual vs. CVS Participation in EU-LAC Digital Accelerator

Unlocking the power of collaboration: Joining forces within a CVS in the EU-LAC Digital Accelerator provides possible advantages over individual participation

CVS participation:

A group of corporations forms a CVS to propose a shared challenge and match with one or more start-ups in the EU-LAC Digital Accelerator

- Expanded deal flow: Participating in a CVS may unlock access to a broader pool of innovative start-ups and solutions, increasing the chances of finding the right match for collaboration
- 2. Amplified network effects: By collaborating with multiple corporations, CVS members may benefit from network effects, leveraging shared resources, connections, and market insights to accelerate innovation
- 3. Knowledge sharing and collaboration: CVS fosters knowledge sharing and collaboration, enabling members to tap into diverse expertise, experiences, and perspectives, driving collective learning and innovation

- 4. Enhanced visibility and credibility: CVS participation elevates the visibility and credibility of member corporations within the innovation ecosystem, signaling a commitment to collaboration and driving greater interest from start-ups, investors, and other stakeholders
- 5. Cost reduction and risk mitigation: Sharing resources, expertise, and risks among CVS members may lead to cost reduction and de-risking of innovation initiatives. This may enable corporations to pursue more ambitious projects with lower financial and operational burdens

... that can result in enhanced matchmaking capabilities with start-ups and increased success rates for pilot projects

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Footnotes

- **A.** The concept of strategic partnership includes several submechanisms, such as corporate-university agreements to interact with university spin-offs and licensing to commercialize start-up innovations.
- **B.** Employees: 3 to 1,541,000. Annual turnover: \$439,031 to \$514 billion.
- **C.** The information provided about the applied and selected start-ups in all examples is current as of April 2023. It is important to note that subsequent editions of the CVS may have been initiated, potentially leading to variations in the current figures.
- **D.** This section only includes corporate members, but ecosystem partners also include Cradle, MRANTI, MDEC, MIGHT, Microsoft, AWS, SGINNOVATE, Leave a Nest, TI National Technology & Innovation Sandbox, My Startup, and TATA Consultancy Services.⁵
- **E.** This co-investment involved Enagás, BP, Enagas Emprende, and Ship2B. The deal date was 04/12/2020. SOLATOM raised a total of EUR 589,113 to be used to replicate a model that was working well in Spain internationally.¹⁰
- **F.** One of the main findings in this study is that CVSs are not all equal and are not static. As explained above, companies engaged in CVSs participate in both one-shot and recurrent alliances. Moreover, different CVSs can exist within the same corporate collaborative initiative, depending on the joint activities and arrangements between multiple members. For instance, let's take Start4Big, a Spanish multi-sector open innovation program promoted by five large companies in the ICT, energy, financial, and transportation sectors. These companies have

annual revenues between \$11 and \$58 billion. The program's main joint phase involves scouting and selecting start-ups. In the second phase, different PoCs are delivered by one or some of its members. Sometimes, the PoCs are individual collaborations between one established company and the start-up, such as the pilot project between CaixaBank and the start-up LANG.AL a platform for understanding language without human supervision and in any language. In these cases, the collaboration is out of the scope of the CVS. Alternatively, some of the PoCs involved several established companies. During its first edition in 2018-2019, Aigües de Barcelona, Naturgy, and Seat had a pilot with startup Smart IOT Labs, dedicated to the generation of virtual assistants for homes and other environments. Also, in this edition, the five companies were part of a PoC with start-up PLAYFILM, a tool that creates a gamified video format to improve mobile campaigns on Facebook and Instagram and increase the connection with users. In the second edition, Aigües de Barcelona and CaixaBank had a joint PoC with start-up Mobbeel, focused on digital onboarding solutions, electronic signature, and biometric authentication. Considering these examples, within the Start4Big program, we would find a total of four CVSs.

References

- Prats Julia, and Amigó Pau. "Corporate Venturing: Achieving Profitable Growth Through Startups." (2017): 4, 6, 20-29.
- Chesbrough, Henry W., Open Innovation: The New Imperative for Creating and Profiting From Technology, Boston, MA: Harvard Business School Press, 2003: xxiv.
- Prats, Julia, Josemaria Siota, Tommaso Canonici, and Xavier Contijoc. "Open Innovation Building, Scaling and Consolidating Your Firms Corporate Venturing Unit." IESE, Opinno, 2018.
- "ACHIEVING CARBON-NEUTRALITY THROUGH CO2 REMOVAL AND VALORISATION." Hello tomorrow. https:// hello-tomorrow.org/repsol-and-galp-international-innovation-challenge/ (Accessed 18/12/2023).
- "Petronas Future Tech." Petronas. https://www.petronas.com/ventures/futuretech-accelerator/ (Accessed 17/04/2024).
- Karasin, Reena. "Go Move 2022 Startups, BASF, and Magna Collaborate to Decarbonize the Automotive Industry." Greentownlabs. June 16, 2023. https://greentownlabs.com/go-move-2022-startups-basf-and-magna-collabo-rate-to-decarbonize-the-automotive-industry/ (Accessed 17/04/2024).
- 7. "VERBUND X Accelerator." Verbundx. https://www.verbundx.com/en-at/accelerator (Accessed 17/04/2024).
- "DECARBONIZING INDUSTRIAL PROCESSES WITH SOLAR STEAM BOILERS." https://solatom.com/ (Accessed 18/12/2023).
- Enagas. 04/12/2020. "Enagás, bp y Ship2B apoyan a la startup Solatom". https://www.enagas.es/es/sala-comunicacion/actualidad/notas-prensa/04 12 2020 np solatom/ (Accessed 18/04/2024).
- PitchBook Profile SOLATOM. https://my.pitchbook.com/profile/232063-21/company/profile#deal-history/167952-61T (Accessed 13/03/2023).

- "Kamay Ventures." Kamay Ventures. https://kamayventures.com/ (Accessed 2/12/2023).
- "Grupo Bimbo joins Kamay Ventures." Global Venturing. November 1, 2023. https://globalventuring.com/corporate/investment/grupo-bimbo-joins-kamay-ventures/ (Accessed 2/12/2023).
- García-Canal, Esteban, Ana Valdés-Llaneza, and Africa Ariño. "Effectiveness of Dyadic and Multi-Party Joint Ventures." Organization Studies 24, no. 5 (2003): 743–770.
- Das, T. K., and Bing-Sheng Teng. "Alliance Constellations: A Social Exchange Perspective." The Academy of Management Review 27, no. 3 (2002): 445–456.
- Zeng, Ming, and Xiao-Ping Chen. "Achieving Cooperation in Multiparty Alliances: a Social Dilemma Approach to Partnership Management." Academy of Management Review 28, no. 4 (2003): 587–605.
- De Man, Ard-Pieter. Alliances: An Executive Guide to Designing Successful Strategic Partnerships. John Wiley & Sons. 2013.
- Temmink, Jessica." The effect of inter-organizational team cooperation on collaborative innovation performance." Bachelor thesis. University of Twente. 2015.
- Gong, Yaping, Oded Shenkar, Yadong Luo, and Mee-Kau Nyaw. "Do multiple parents help or hinder international joint venture performance? The mediating roles of contract completeness and partner cooperation." Strategic Management Journal 28, no. 10 (2007): 1021-1034.
- Gulati, Ranjay, Franz Wohlgezogen, and Pavel Zhelyazkov."The Two Facets of Collaboration: Cooperation and Coordination in Strategic Alliances." Academy of Management Annals 6 (2012): 531–583.
- 20. "Collaborating for a better world." 100+ Accelerator. https://www.100accelerator.com/ (Accessed 18/12/2023).

- Danone Joins 100+ Accelerator as Fifth Partner for Scaling Sustainable Startup Innovation." Medium. https:// medium.com/@elevenotis/danone-joins-100-accelerator-as-fifth-partner-for-scaling-sustainable-startup-innovation-cedab2da844b (Accessed 25/07/2024).
- "AB InBev and Coca-Cola want to build a playground for sustainable innovation with 100+ Accelerator." October 20, 2022. https://www.beveragedaily.com/Article/2022/10/20/ AB-InBev-and-Coca-Cola-s-100-Accelerator-Building-asustainable-innovation-playground (Accessed 15/03/2023).
- 23. "WHAT IS STARTUP ACCELERATION?" Cemex Ventures. https://www.cemexventures.com/acceleration-services/ (Accessed 18/12/2023).
- "CEMEX Ventures: Construction Startup Competition Is Our Prime Event Of The Year!" CEMEX Ventures. July 21, 2020. https://www.cemexventures.com/cemex-venturesconstruction-startup-competition-is-our-prime-event-ofthe-year/ (Accessed 15/03/2023).
- "DO YOU WANT TO PIONEER FUTURE MOBILITY?"
 MobilityXlab. https://www.mobilityxlab.com/ (Accessed 18/12/2023).
- "Storbolag i nytt samarbete på Lindholmen." Göteborgs-Posten. October 3, 2017. https://www.gp.se/ekonomi/storbolag-i-nytt-samarbete-p%C3%A5-lindhol-men-1.4696075 (Accessed 16/03/2023).
- "Large innovative multinationals driving investment in tomorrow's transportation." MobilityXLab. October 3, 2017. https://www.mobilityxlab.com/news/largeinnovative-multinationals-driving-investment-tomorrowstransportation (Accessed 16/03/2023).
- 28. "Building bridges to accelerate Digital Transformation in Europe, Latin America and the Caribbean." EU-LAC. https://eulacdigitalaccelerator.com/ (Accessed 18/12/2023).

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