

June 2019

Innovation through disruptive technologies

Reimagining corporate innovation



Strictly private

PwC analyzed 250+ technologies to zero in on the **eight** having the biggest business impact right now.



Artificial
intelligence



Augmented
reality



Drones

The Essential Eight



Internet
of things



Robotics



Virtual
reality



Blockchain



3-D
printing

Our corporate innovation framework

I. EXPLORE – 8 weeks

A

Innovation Workshops

Conduct workshops with all client functions to list all ideas, map them to strike zones and work with the client to prioritize pain areas

B

Scan & Scout

Develop long list of companies for each prioritized pain areas using PwC and external databases

C

Shortlisting Target Companies

Shortlisting target companies based on commercial, technology and risk due-diligence

D

Innovation Workshops

Workshop with shortlisted start-ups, followed by innovation brainstorming with PwC SMEs to identify use-cases for PoCs

II. EXPERIMENT – 12 weeks

E

Designing Engagement Model for Shortlisted Companies

Design and finalize engagement model (proposition, process & technology)

F

Running “Rapid Innovation” PoC Sprints

Develop execution plan and manage the execution of “Rapid-Innovation” PoC sprints

G

Defining Execution Roadmap Embedding Successful PoCs into business

Define execution plan for embedding successful PoCs into the client’s business

H

Embedding the successful PoCs business as per Execution Roadmap

Based on the designed execution roadmap, embed the successful PoCs into its business

III. EMBED

IV. ANCILLIARY ACTIVITIES

Branding & Marketing

Start-up Expertise

Infrastructure

Program Management

Mentoring

The 4 main methodologies for innovation



Innovation Bootcamps

Facilitation and promotion of innovation lead thought processes at workplaces through bootcamps



Corporate Intracubation / Intrapreneurship

Innovation programs targeted at employees helping them to transition their ideas into marketable products and solutions



Corporate Accelerator

Accelerators focused on finding technology startups that can co-develop innovative products and solutions along with the corporate through a 3-6 month cycle



Hackathons

Internal or external events focused on identifying innovative ideas for specific problem areas opportunities

The Nomura Voyager Journey



Voyager : Nomura FinTech Partnership Program

PwC is ran India's first Capital Markets and Investment Banking (CMIB) focused start-up program

The Opportunity

The vision behind the program was to enable Nomura to innovate internally and externally and to transform its operating model by embedding new-age solutions on technologies like AI and machine learning. For outside-in innovation, Nomura sought to engage with upcoming startups and use their technology to transform its businesses. Also to drive innovation by identifying and engaging key stakeholders in each division within its organization in solution development implementation by enabling their interaction with innovative startups

Our Solution

- Identifying long list of innovation ideas/opportunities through a series of workshops with each division and aggregating these ideas to form innovation themes
- Mapping technology capabilities to these themes and inviting applications from startups
- Shortlisting start-ups based on secondary research, telephonic discussions with founders and product demos to develop PoCs
- Embed successful PoCs into business-as-usual

I. EXPLORE

A Workshop with Nomura divisions for identifying opportunity areas

B Inviting applications from FinTech start-ups

C Shortlisting companies for PoCs

D Brainstorming PoC use-cases with Nomura leadership

II. EXPERIMENT

E Setting up sandbox and defining governance model

F Running "Rapid Innovation" PoC Sprints

III. EMBED

G Embedding the successful PoCs into business as usual

Impact



190 ideas generated in 70+ workshops across divisions



150+ start-up applications received from Singapore, Israel, UK and USA. Areas include ML, Anomaly Detection, Cyber Security Chatbots, etc.



12 Proof of Concepts developed with 8 successful start-ups etc.



PoCs will be showcased to Nomura's Global Management Team and relevant startups will be embedded into business-as-usual



PwC is now helping Nomura in conducting PoCs by embedding the successful start-ups solution into environment.

Key takeaways for Nomura



**Development of a cultural
change and steering of the
organization and its
employees towards
innovation as BAU**



**Creation of a FinTech
innovation playbook that
has enabled the
organization to go even
bigger and launch a global
Voyager 2.0 program**



**Access to innovative
startups and their solution
helping Nomura revamp
they way work and stay
ahead of the curve**

Thank you!

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