

Introduction of START and SCORE Programs

September 6th, 2021

JST Connect

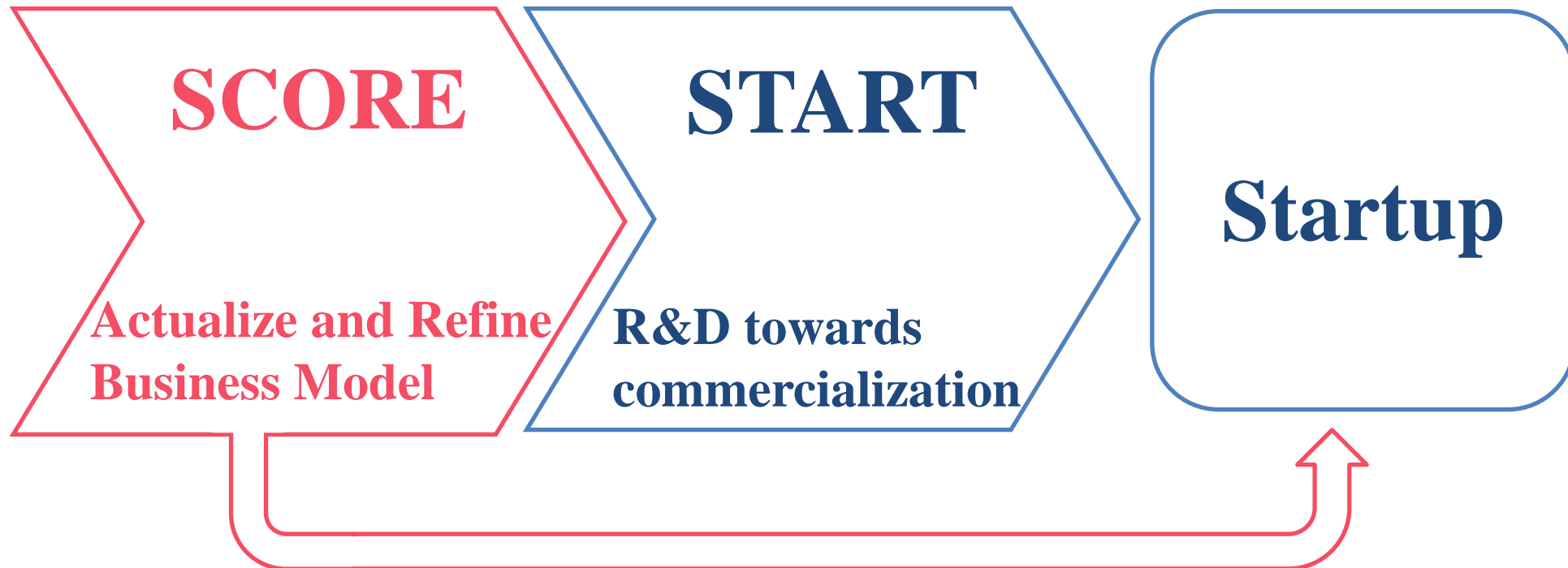


Japan Science and Technology Agency

START Group, Department of Industry-Academia Collaboration

The objective of our programs

- ✓ To support creating start-ups from academia in pre-startup phase



Difficulties in creating startup

Market needs

Networking

Risk money

Business Plan



Support framework

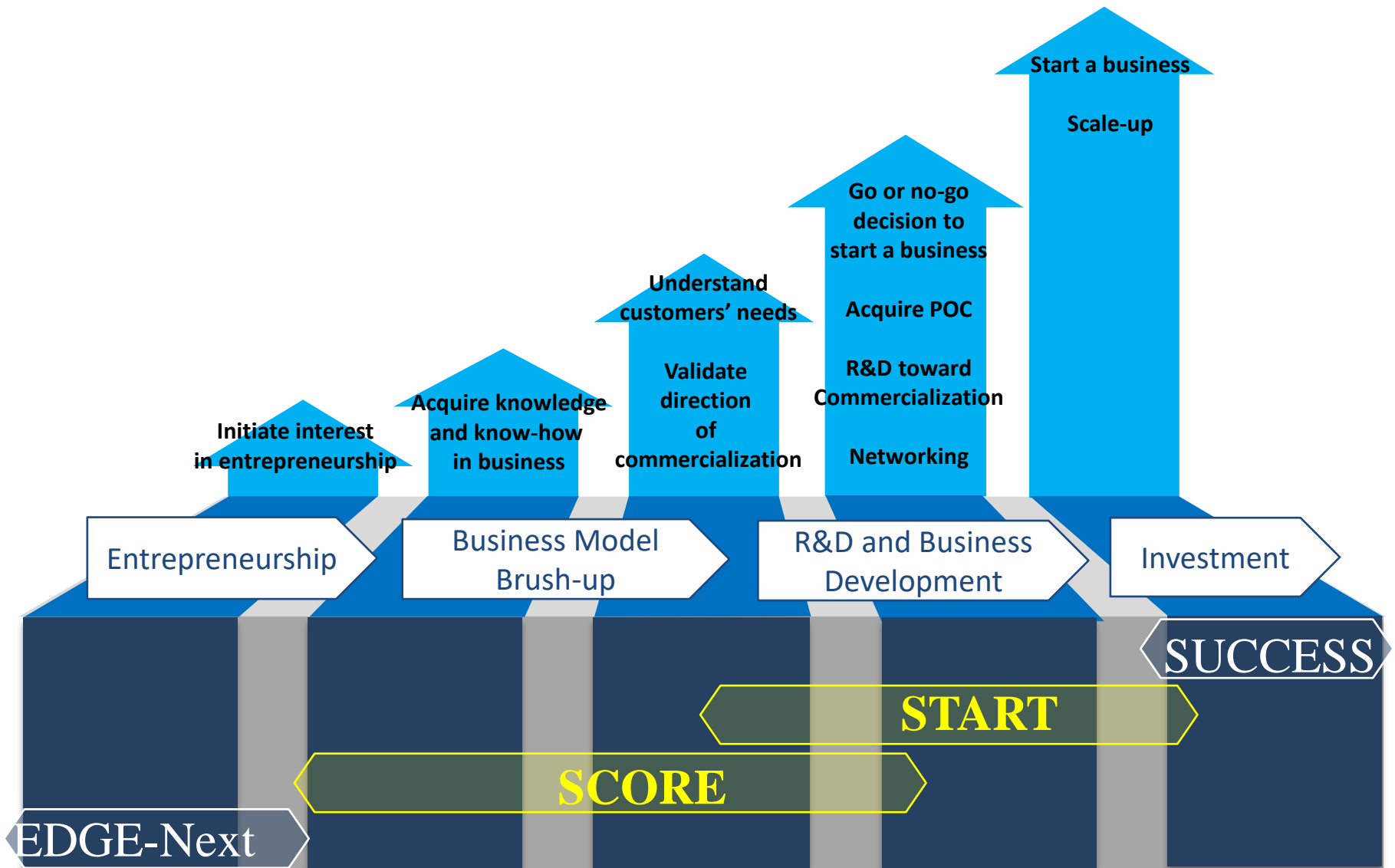
SCORE

“Accelerators”
with expertise in
commercialization train
and mentor participants
on practical skills for
start-ups.

START

“Project Promoters”
from venture capitals
support R&D and
business development in
each project.

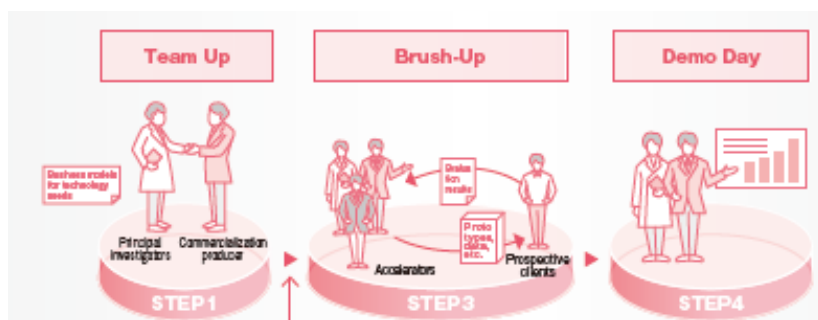
JST's Startup-related Programs



Program Overview

SCORE

Actualize and Refine Business Model

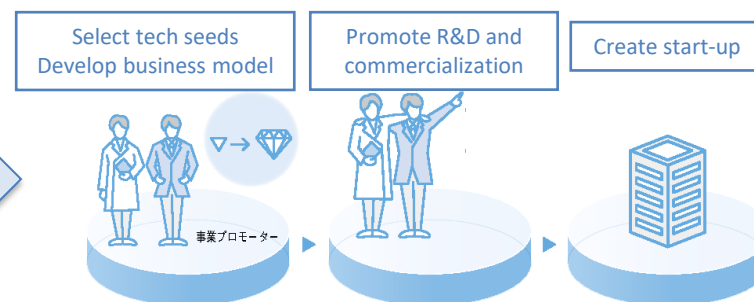


JST directly supports researchers as they gain practical skills required for venture businesses.

- Direct Expense: \$50,000 / year
- Period: Single fiscal year

START

R&D towards commercialization



JST provides R&D funds for business start-up and commercialization with the support of “project promoters”

- Direct Expense: \$300,000 / year
- Period: 1~3 fiscal years

Outcomes of SCORE Projects

(As of June 2021)

- Total # of adopted projects (FY2017~FY2021)

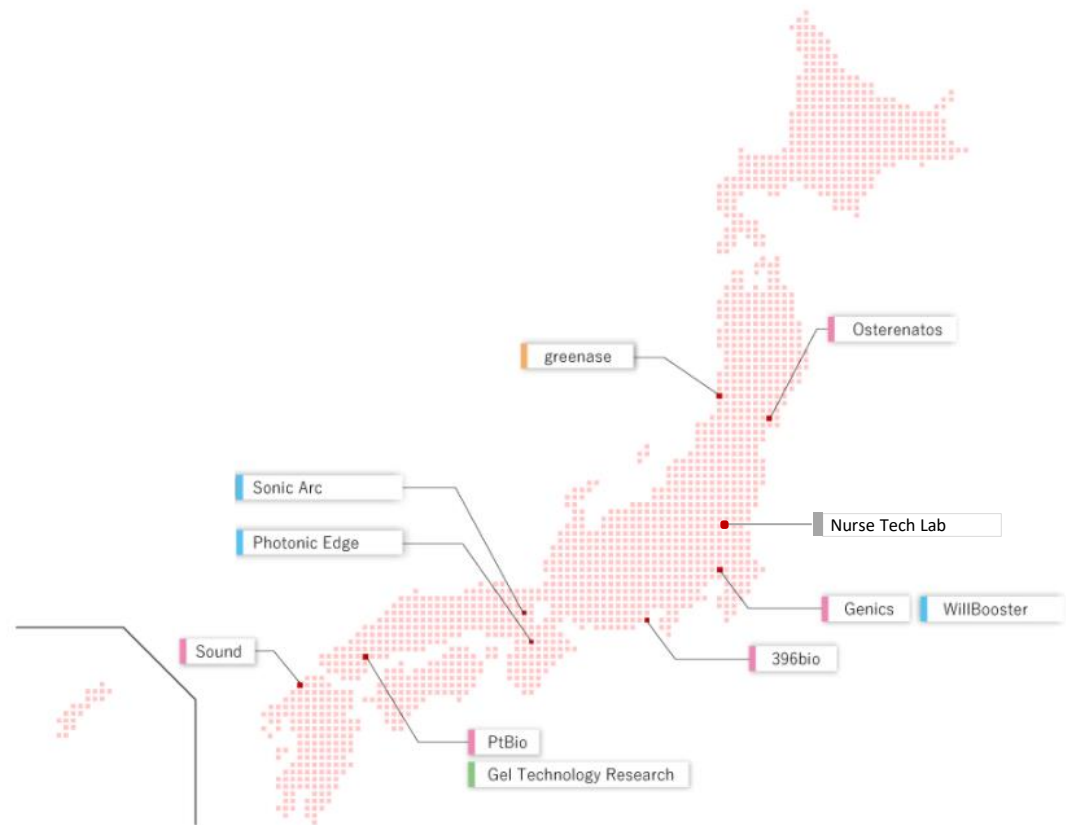
77

- Total # of finished projects (as of March 2021)

69

- Total # of startups created (as of June 2021)

15



Outcomes of START Projects

(As of June 2021)

- Total # of adopted projects (FY2012~FY2020)

125

- Total # of finished projects (as of June 2020)

98

- Total # of startups created (as of Jan 2021)

60

[Rate of Startup creation] 61%

- Number of step-up startups

(raised over \$1M, etc)

28

[Rate of expansion] 47%

- Number of jobs created (as of June 2021)

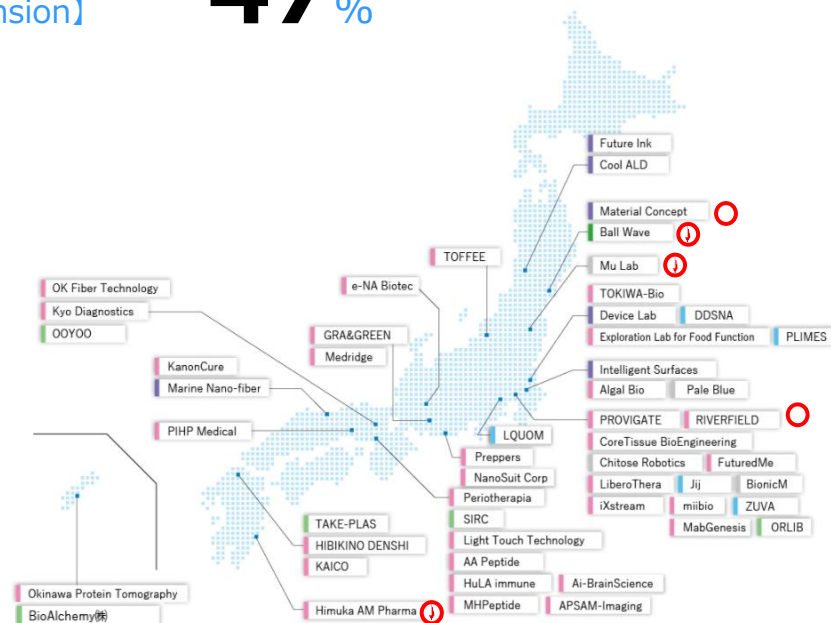
365

Average amount of
external funds raised

\$3M

Total amount of external funds raised (\$180M) /
Total number of startups created (60)

- Life Science
- Environment/Energy
- ICT
- Nanotechnology/Materials
- Agriculture
- Others
- J-Startup



Examples of START-originated Start-ups



- ◆ Development of surgical robots
- ◆ Raised \$20M (as of April 2019) (\$1=100yen)



人に優しい、安全な医療の実現のために——
空気圧で動く手術支援ロボットを、世界のマーケットへ。

株式会社ジエフコ 橋爪 克弥 (事業プロモーター) × リバーフィールド株式会社 取締役 原口 大輔 × 東京医科大学 法政理工学研究所 教授 リバーフィールド株式会社 代表取締役社長 川嶋 健嗣 (研究代表者)



- ◆ Development of gene-cell therapy and regenerative medicine products

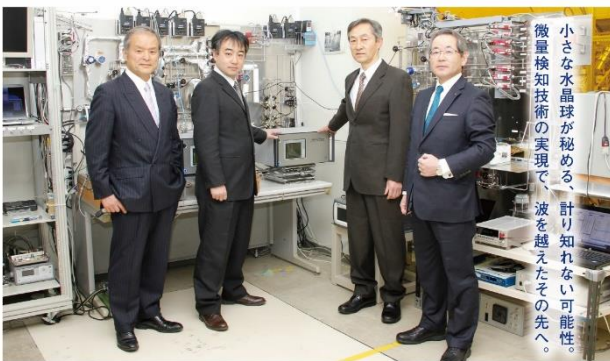


このベクターで、今までなかった遺伝子治療ができる。
それを実現するまでは、絶対に終われない。

ウーナーベイン・パートナーズ株式会社 代表取締役パートナー 黒石 真史 (事業プロモーター) × とまわバイオ株式会社 代表取締役 松崎 正晴 × 産学官研総合研究所 セミ細胞工学研究ラボ 代表取締役 中西 真人 (研究代表者)



- ◆ Development of super-quick, handy trace moistures sensors



小さな水晶球が秘める、計り知れない可能性。
微量検知技術の実現で、波を越えたその先へ。

日本経済産業株式会社 代表取締役 佐々木 美樹 (事業プロモーター) × ボールウェーブ株式会社 代表取締役社長 赤尾 慎吾 × ボールウェーブ株式会社 取締役 山中 一司 (研究代表者) × 東北大学 教授 長谷川 史彦 (研究代表者)



- ◆ Development of innovative power-saving technology



SiRCデバイスで世界が変わる
最先端のエネルギーマネジメントを実現

株式会社SiRC 取締役 高橋 真理子 (事業プロモーター) × 株式会社SiRC 取締役 辻本 浩章 (研究代表者) × 株式会社SiRC 代表取締役社長 平澤 大 (研究代表者)

Next approach begins

SCORE (University Promotion Type)

- To promote and build a stronger support system for business start-ups at universities
- To install “SCORE” and “START” knowledge in each university

Support period: Maximum 5 fiscal years

Support funding(direct expenses): \$600,000 / year

※ 1USD=100JPY

Website

<https://www.jst.go.jp/start/en/index.html>

START


Program for Creating Start-ups from Advanced Research and Technology

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Program Overview | Project Promoters | List of Startups | Contact us



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News

START	SCORE
<div>Achievement</div> <div>List of Startups</div>	<div>Achievement</div> <div>List of Startups</div>
<div>Achievement</div> <div>2020/6/10 3 institutions to implement START (project promoter support type) for the FY2020 were adopted (Japanese).</div>	<div>Application</div> <div>2020/8/21 2020 SCORE projects are awarded (Japanese).</div>
<div>Application</div> <div>2020/4/28 The second application deadline of START Project Support Type is extended to noon of June 31 (Fri).</div>	<div>Application</div> <div>2020/4/28 The application deadline of SCORE Team Promotion Type is extended to noon of June 10 (Wed) (Japanese). (Application closed)</div>

Contact Information

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Thank you!