

A background network diagram consisting of numerous grey nodes connected by thin grey lines, forming a complex web-like structure. Two horizontal red lines are positioned above and below the main title.

NATIONAL HEALTH INNOVATION CENTRE SINGAPORE

April 2018

NHIC *National Health
Innovation Centre*

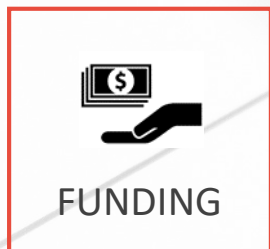
NHIC OVERVIEW

OUR MANDATE

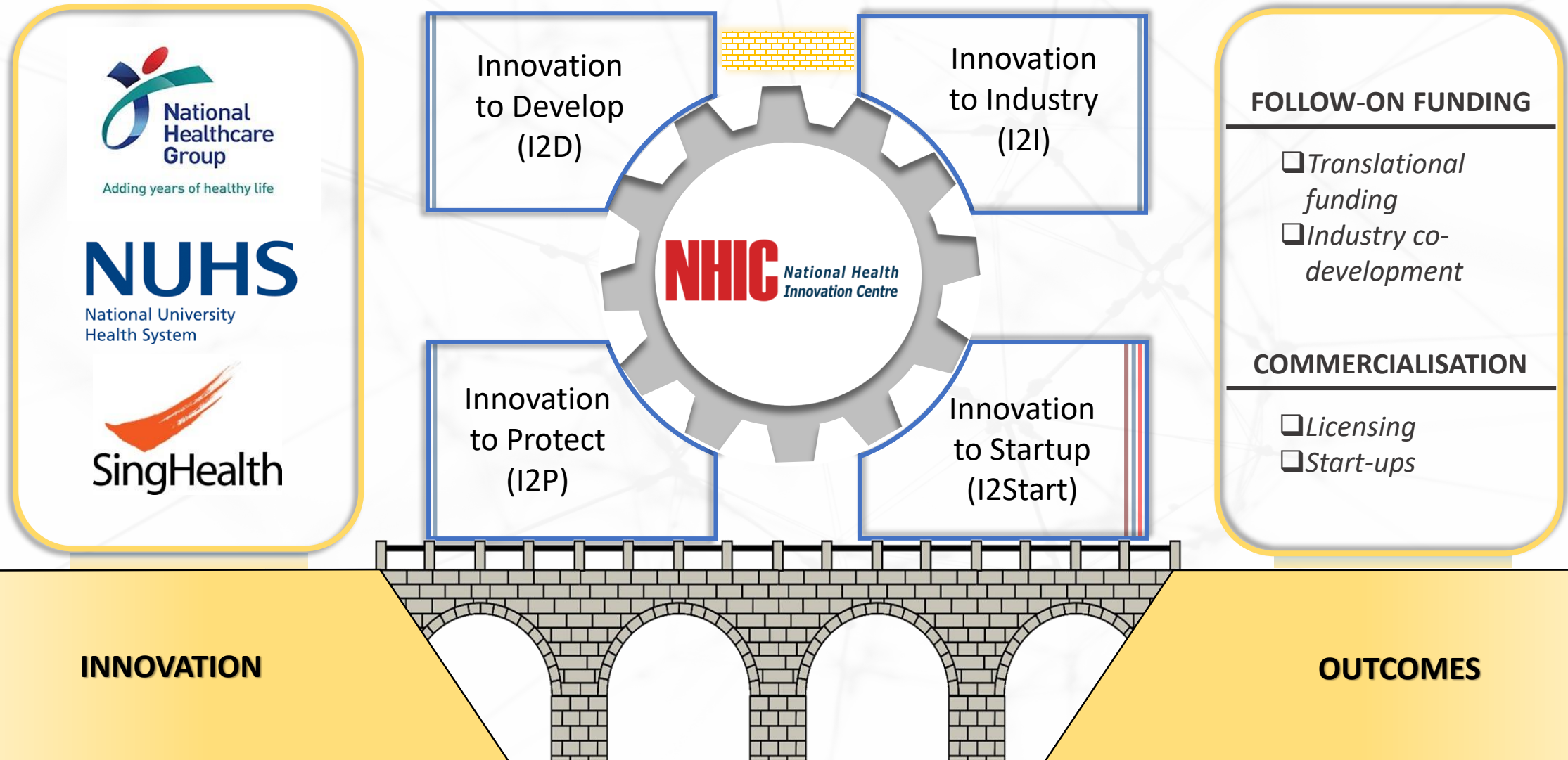
We provide the publicly-funded clinical research sector of Singapore with **translational funding** and **strategic guidance** to accelerate healthcare innovation and commercialisation.

Established in June 2014, we support the development of innovative technologies and services to improve healthcare delivery and patient care.

OUR VALUE PROPOSITION



NHIC supports clinician-led projects



Innovation to Develop Grant (I2D)

Funding for development of a healthcare innovation to a commercialisable endpoint

Eligibility Criteria

Principal Investigator must hold primary appointment in a

- local public hospital or
- public health institution or
- national specialty centre or
- academic medical school

and be salaried by the institution



Funding Criteria

- Healthcare impact
- Commercial potential
- Strong preliminary data
- Technology development plan



3

Grant calls per year
Upcoming NHIC closing dates:
3 Aug 2018
7 Dec 2018
(institutional dates may vary)



\$250,000

(inclusive of max.
20% IRC)



12 months

(max. 6 months
extension)



Submission

via designated office
of healthcare cluster

NHIC does not take ownership of IP, nor recover expenses/take revenue share

Update on I2D Application Process

Revised Application Process (April 2018 onwards)



Please download the **latest** proposal template from www.nhic.sg/web/index.php/downloads

Innovation to Industry Grant (I2I)

Co-development of healthcare innovation with an industry partner.

Eligibility Criteria

- Successfully completed I2D funded projects (or equivalent as deemed appropriate by NHIC)
- Co-development with an industry partner to license the technology.



Funding Criteria

- Healthcare impact
- Commercial potential
- Clinical feasibility data
- Binding agreement with an industry partner as a licensee



Open

Throughout the year

Application by Invitation only



\$250,000

Awarded to institutions
(inclusive of max. 20% IRC)



12 months

(max. 6 months extension)



Submission

via designated office of healthcare cluster

NHIC does not take ownership of IP, nor recover expenses/take revenue share

Innovation to Protect Grant (I2P)

Funding patent expenses for inventions

Eligibility Criteria

- Applicant must be Head / Deputy Director / Director of the healthcare cluster designated office
- Applicant applies on behalf of inventors that hold a primary appointment at:
 - local public hospital or
 - public health institution or
 - national specialty centre

Healthcare Cluster Designated Office

NHG Research & Development Office

NUHS Research Office

SingHealth Office of Intellectual Property (SHIP)

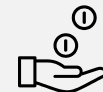
Funding Criteria

- Strong patentability
- Technology development plan
- Commercialisation strategy



Open

Throughout the year



Up to \$40,000

Depending on:

- Stage of patent protection
- Ownership ratio



**6 – 12
months**

Depending on stage
of patent protection



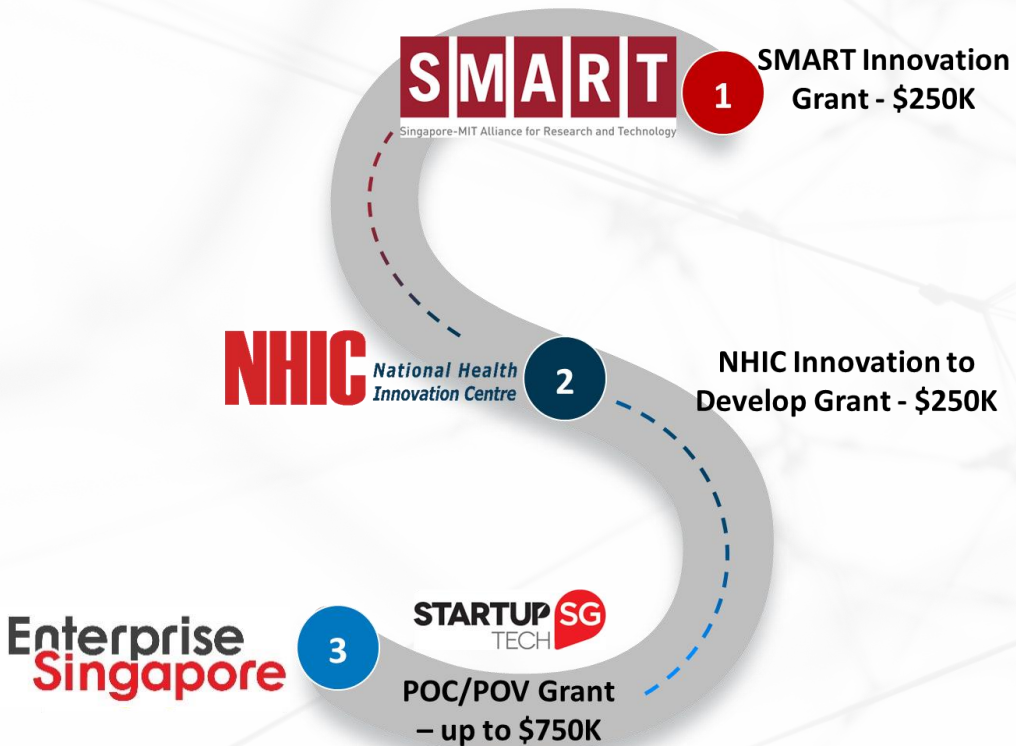
Submission

via designated office
of healthcare cluster

NHIC does not take ownership of IP, nor recover expenses/take revenue share

Innovation to Startup (I2START)

A premium funding program targeted at MedTech start-ups from Singapore public institutions



The tripartite partnership between NHIC, SMART, and Enterprise Singapore strategically bring together funding and resources to support start-ups.

Eligibility Criteria

- Entry: TRL 3* and above
- Medical Technologies in the following areas;
 - Clinical diagnostics
 - Medical device and products
 - Digital health
 - Life science tools
- Team with the intent to start-up a company
- Team must consist of one Clinical PI and Technical PI from public institutions

Clinical PI must hold primary appointment in a

- local public hospital or public health institution or national specialty centre or academic medical school and be salaried by the institution



Open Call

Throughout the year



Letter of Intent

Submit LOI to I2Start Grant Secretariat at grant@nhic.sg

Innovation to Startup (I2START)

VALUE PROPOSITION



Alignment of funding criteria across 3 funding bodies (SMART, NHIC & ENTERPRISE SINGAPORE)



Bridge project funding gap by creating a seamless funding pathway



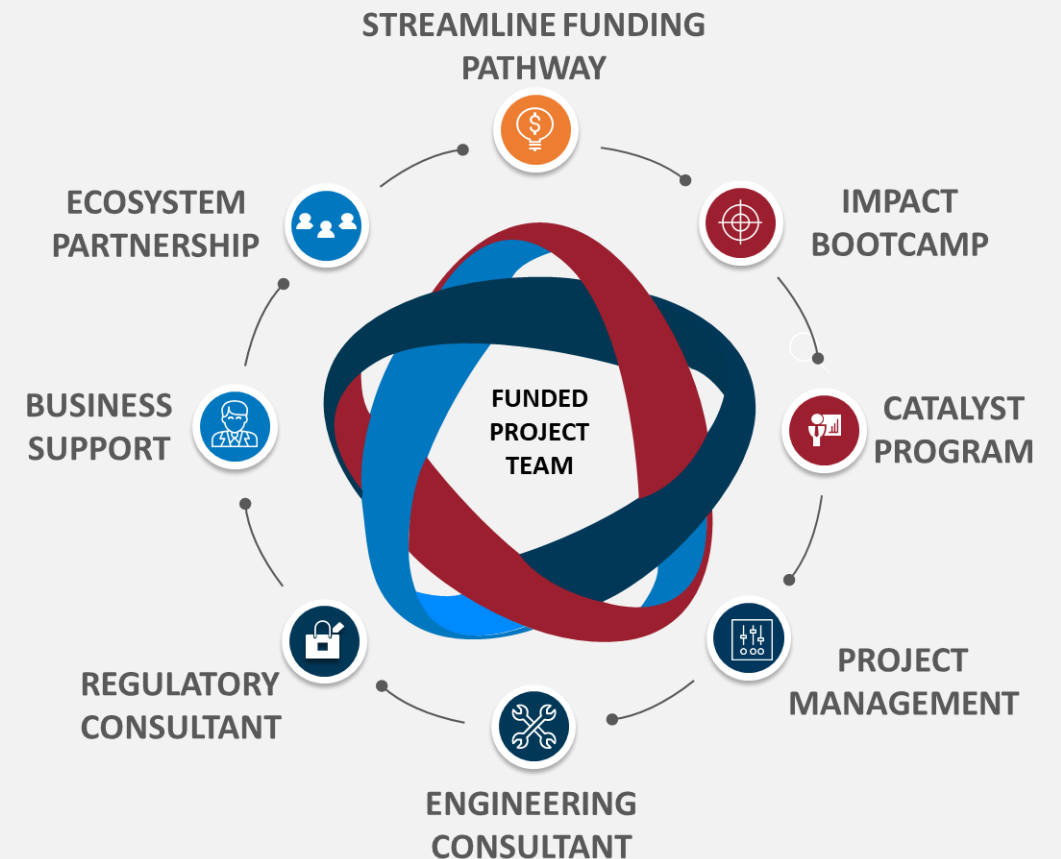
Reduced paperwork for applicants



Reduced waiting time and the need for subsequent grant application and approval



Project teams able to tap into **multiple agencies resources and support**



National Research Foundation (NRF) Central Gap Fund (Central Gap)

A national-level platform to resource impactful and preferably collaborative projects to translate research outcomes into products, processes and/or services that generate economic and societal benefits for Singapore.

Eligible Entities

Local public hospitals, public health institutions and national specialty centres.

NHIC's Role

- NHIC is the designated Innovation and Enterprise Office (IEO) for public hospitals, public health institutions and national specialty centres.
- All Central Gap applications must be endorsed by NHIC in its capacity as IEO.

Funding Criteria

- Project scope
- Commercialisation potential
- Team composition
- Technical innovation
- Institutional support



Open

Throughout the year
Applications to be
batch processed



>\$750,000



24 months



Pre-engagement

with NHIC is required

More info please visit www.nrf.gov.sg/funding-grants/central-gap-fund



Robotic Sock for DVT and Ankle Joint Contracture
 The NUS-NUH team, comprising Asst/Prof Raye Yeow from NUS Biomedical Engineering, and Asst/Prof Lim Jeong Hoon from NUH Medicine, developed the 3rd generation clinical-grade soft robotic sock during t...

aiTriage™ - Intelligent system for real-time risk stratification of major adverse cardiac events
 Chest pain is a common but non-specific complaint presenting to the Emergency Department (ED) for assessment. Most patients are well, but a subset of patients will go on to have a Major Adverse Cardia...

plano@: An Innovative Parental Monitoring App to better manage smart device use and myopia in children
 Myopia is a complex eye condition, with both genetics and environmental risk factors contributing to its development. It is estimated that half of the world's population will have myopia by 2050. In S...

RECENT NEWS

NHIC Workshops on Regulatory and Product Engineering

plano@: A Parental Management App for Safe Smart Device Use

New Hope for Treating Fibrotic Diseases

NHIC Breakout Session at SCRI 3rd Annual Scientific Symposium 2017

www.nhic.sg

I2D Forms

Document No.	Document Title	Effective Date
NHIC-I2D-FORM-1	NHIC I2D Grant Application Form	1 Feb 2018
NHIC-I2D-FORM-7	NHIC I2D Reimbursement Claims Form	30 Sep 2017
NHIC-I2D-FORM-8	NHIC I2D Grant Variation Form	11 Sep 2017
NHIC-I2D-FORM-9	NHIC I2D Grant Extension Form	11 Sep 2017
NHIC-I2D-FORM-10	NHIC I2D Quarterly Progress Report Form	26 May 2017
NHIC-I2D-FORM-12	NHIC I2D Final Project Report Form	31 May 2017
NHIC-I2D-FORM-18	NHIC I2D Request for Changes to Research Team	02 Mar 2017
NHIC-I2D-FORM-19	NHIC I2D Final Statement of Account	31 May 2017

I2Start Forms

Document No.	Document Title	Effective Date
I2S-FORM-1	I2Start Letter of Intent	24 Jan 2018

- About NHIC
 - What we do
 - How we work
- NHIC's funding
 - Details of funding schemes
- Downloads
 - Grant application forms
- NHIC's projects
- Technology offers

NHIC supports your Innovation Journey

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