



Intellectual Properties A Driver of Entrepreneurship and National Economic Growth

WIPO's Youth Entrepreneurship Forum.

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What is Intellectual Property?

“Intellectual property (IP) refers to creations of the mind, such as inventions; literary and artistic works; designs; and symbols, names and images used in commerce.”WIPO

In 20th Century, IP became global national knowledge and treasure with focus on:

- Property Rights to Intellectual Assets: Information and Intellectual Value /goods that benefit Society and grow economies.
- These rights are created by Businesses and Individuals and the rights are limited in duration

Recognizing the Hidden Value in Intellectual Properties:

Our Recommended Essential Steps:

- Create a national environment that is Enabling and Nurturing of IP creation and Innovation Via:
 - Legislation of IP policy and Enforcement of the registry to respect the rights of owners
 - Timely Registry of IPs - to Assign Ownership
 - Mobilization of IPs for Entrepreneurship via Startups or Assigned rights to others to mobilize for economic /Social benefits.

Registry Assistance: WIPO

- Request for PIIPA Pro Bono IP Assistance: https://www3.wipo.int/wipogreen/docs/en/wipogreen_piipa-assistance_appform.pdf

Recognizing the Hidden Value in Intellectual Properties - The IP Impact on Innovation and Economic Growth.

The economic Incentives for IPs stimulate Innovation via:

- 1. Start-Ups leveraging the IP ingenuity for commerce and/or Social benefits**
- 2. Or Monetize the IP to assign ownership to OTHER interested parties that can purchase and mobilize the IP asset for economic benefits**



**STEPS TO COMMERCIALIZATION
IN A ENVIRONMENT OF OUR FASTER FUTURE!**

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RESEARCH

(IP Creators and / or
Researchers)

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With Quality
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**Infrastructure
Support**

Infrastructure Support

MARKETING

Infrastructure Support

MARKETING



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**FORM A
START UP**

Infrastructure Support

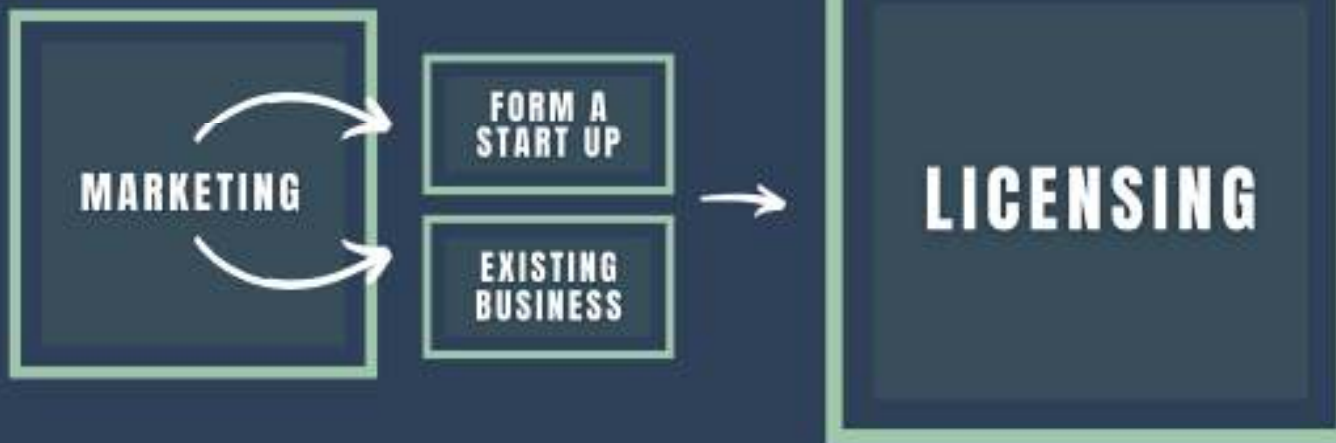
MARKETING

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**FORM A
START UP**

**EXISTING
BUSINESS**

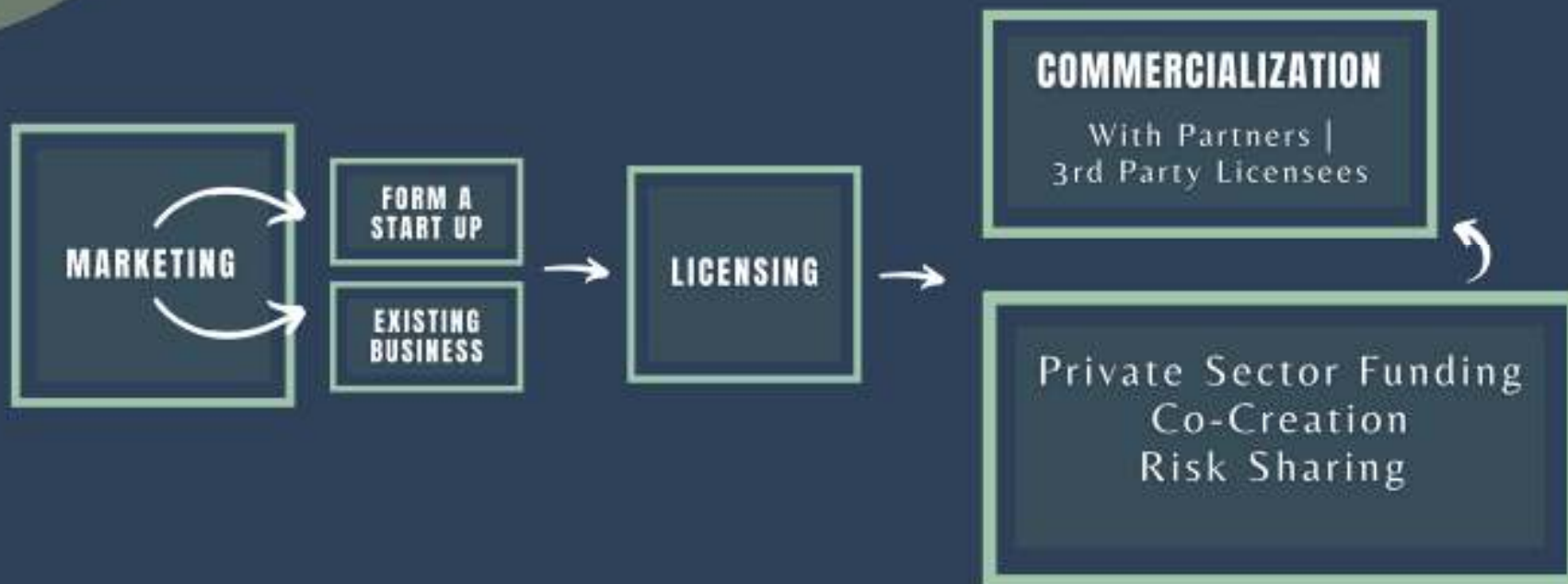
Infrastructure Support



Infrastructure Support



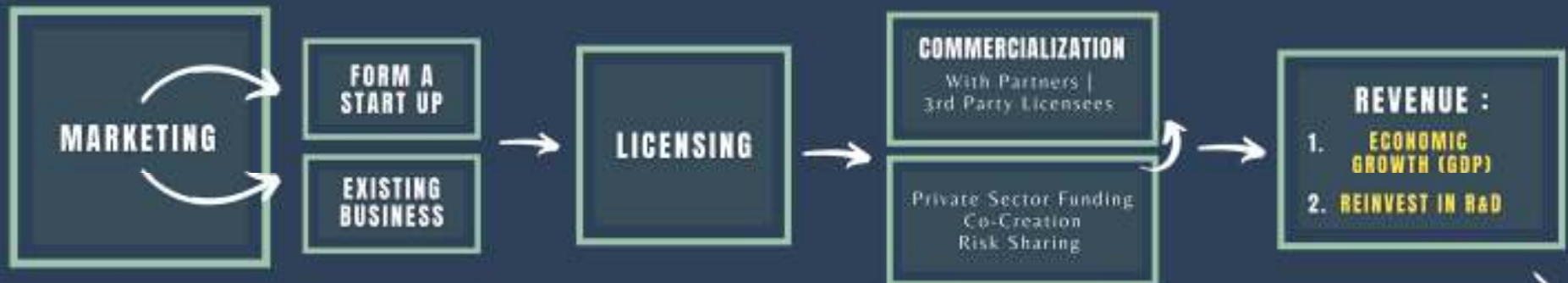
Infrastructure Support



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**Path to Local Economic Growth and Global Prosperity
Via INVENTIONS / TECHNOLOGY Transfers**

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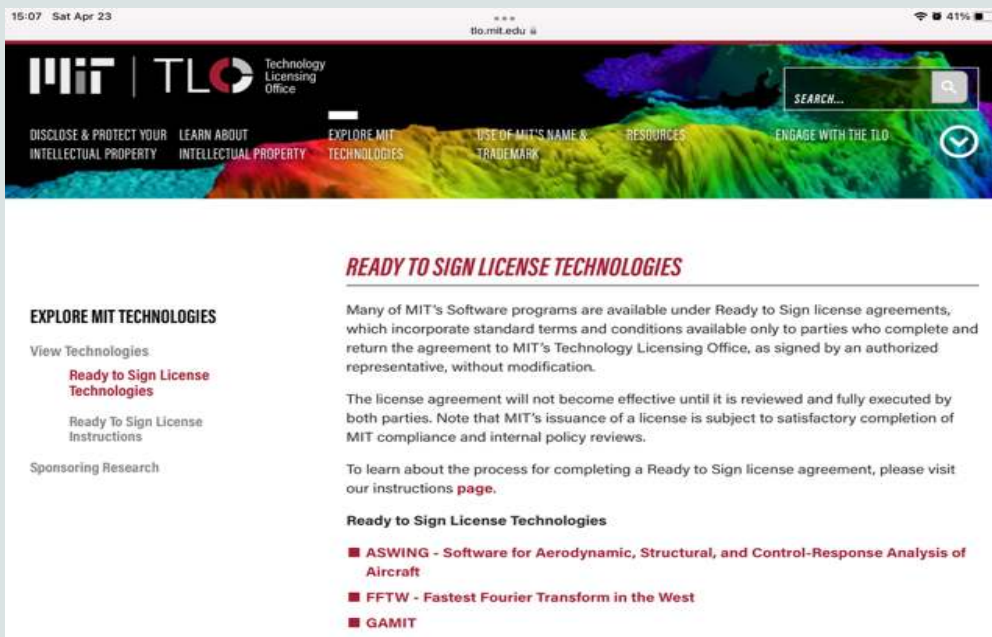
PROTECTION

Infrastructure Support



**Path to Local Economic Growth and Global Prosperity
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Your Intellectual Property can be Licensed for economic value to you and Others that are Ready to take it to Market: e.g. MIT's Technology Licensing Office



15:07 Sat Apr 23 to.mit.edu 41%

MIT | TLO Technology Licensing Office

DISCLOSE & PROTECT YOUR INTELLECTUAL PROPERTY | LEARN ABOUT INTELLECTUAL PROPERTY | EXPLORE MIT TECHNOLOGIES | USE OF MIT'S NAME & TRADEMARK | RESOURCES | ENGAGE WITH THE TLO

SEARCH...

EXPLORE MIT TECHNOLOGIES

View Technologies

- Ready to Sign License Technologies
- Ready To Sign License Instructions

Sponsoring Research

READY TO SIGN LICENSE TECHNOLOGIES

Many of MIT's Software programs are available under Ready to Sign license agreements, which incorporate standard terms and conditions available only to parties who complete and return the agreement to MIT's Technology Licensing Office, as signed by an authorized representative, without modification.

The license agreement will not become effective until it is reviewed and fully executed by both parties. Note that MIT's issuance of a license is subject to satisfactory completion of MIT compliance and internal policy reviews.

To learn about the process for completing a Ready to Sign license agreement, please visit our instructions [page](#).

Ready to Sign License Technologies

- ASWING - Software for Aerodynamic, Structural, and Control-Response Analysis of Aircraft
- FFTW - Fastest Fourier Transform in the West
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- METRAN - Software for 13C-metabolic Flux Analysis
- MISES - Software for Design and Analysis of Turbomachinery Blading
- MSES - Software for High Lift Multielement Airfoil Configurations
- MTRFLOW - Software for Multielement Through-Flow
- OASES - Software for Modeling Seismo-acoustic Propagation in Horizontally Stratified Waveguides

Bringing Out the Innovators in ALL of us: Current Successful Examples:

Nigeria Entrepreneurs: Thomas Bamifewe.

“Our vision is to simplify the innovation process for actors in the African innovation value-chain. With us, bottlenecks in the firm-level innovations and creativity works are minimized for young talents, researchers, inventors, startups and corporations in Africa and abroad”

<https://marketleag.com/>

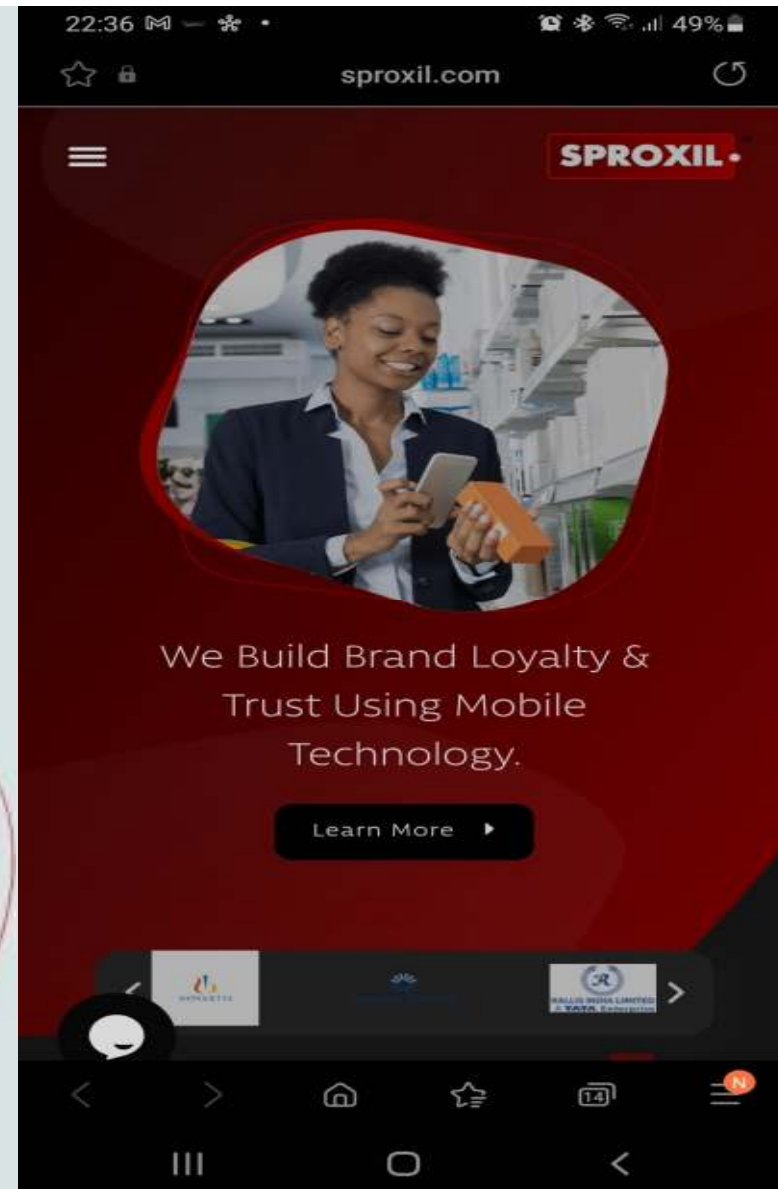


Bringing Out the Innovators in ALL of us:

Current Successful Examples: Nigeria Entrepreneur: Ashifi Gogo, Founder | CEO

“Sproxil was founded in 2009 to empower consumers to help combat drug counterfeiting with a simple text message. Our award-winning product verification technology ensures that consumers buy only genuine medicine”

<https://sproxil.com/>

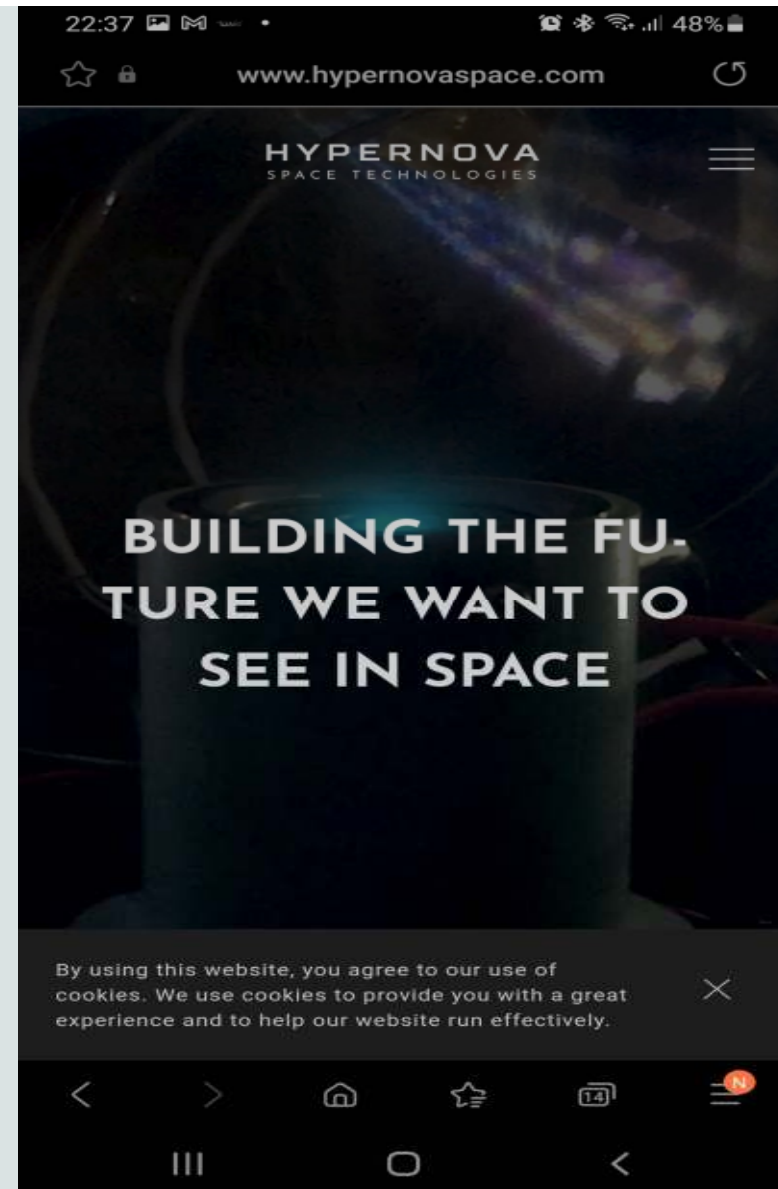


Bringing Out the Innovators in ALL of us:

Current Successful Examples: South Africa Entrepreneur: Jonathan Lun.

“The African tech firm hoping to power space missions, Hypernova hopes that its thruster technology will be adopted on thousands of future small satellites.”

<https://www.hypernovaspace.com/>



Bringing Out the Innovators in ALL of us: Current Successful Examples: Jakarta, Indonesia Entrepreneur.

Ethys Mayoshi was always an artist at heart and self-taught drawer. Inspired by her country's traditional batik culture.



<https://www.wipo.int/ipadvantage/en/details.jsp?id=12385>

Bringing Out the Innovators in ALL of us:

Current Successful Examples:

Japanese Entrepreneur: Tomoko Sato

“The history of food carving is lost in time. Some believe it to have its roots in Thailand some 700 years ago, while some others place them in the time of the Early Chinese Dynasties. Tomoko Sato fell in love with the art and went to Bangkok to master it in 2004. The food-carving artist turns vegetables, fruits, and soaps into lavish creations made of frills and intricate arabesques”

[Food Carving Artist Turns Edibles into Eye-ravishing Creations](http://www.wipo.int)

[\(wipo.int\)](http://www.wipo.int)



Bringing Out the Innovators in ALL of us:

Current Successful Examples: Bhutan Entrepreneurs: Irmela Harz and Karma Yangzom

In 2003 Irmela Harz, a high altitude medicinal plant specialist, and Karma Yangzom, a consultant in the field of environmental assessment and rural development embarked on a study on the feasibility of introducing an organic label in Bhutan. Their study led to the creation of [BioBhutan](#), the first privately owned enterprise in the country specializing in organic and natural products.

[BioBhutan: Organic Products with Farmers' Welfare as Cornerstone Value \(wipo.int\)](#)



Bringing it ALL together in the Eco-System Enabled by Our Faster Future:

“We are ALL Capable Entrepreneurs:

THE 4H'S OF ENTREPRENEURSHIP EDUCATION

HEART
SPIRIT

HEAD
KNOWLEDGE

HAND
CAPABILITY

HOME
COMMUNITY

creations of the mind

.....MIT 's Prof. Bill Aulet,
Professor of the Practice of the Art
of Entrepreneurship, MIT Sloan
School of Management and MIT
Sloan Executive Education.

Bringing it ALL together in the Eco-System being enabled by Our Faster Future:

“How the innovation ecosystem sparks new technologies /Economic Growth:

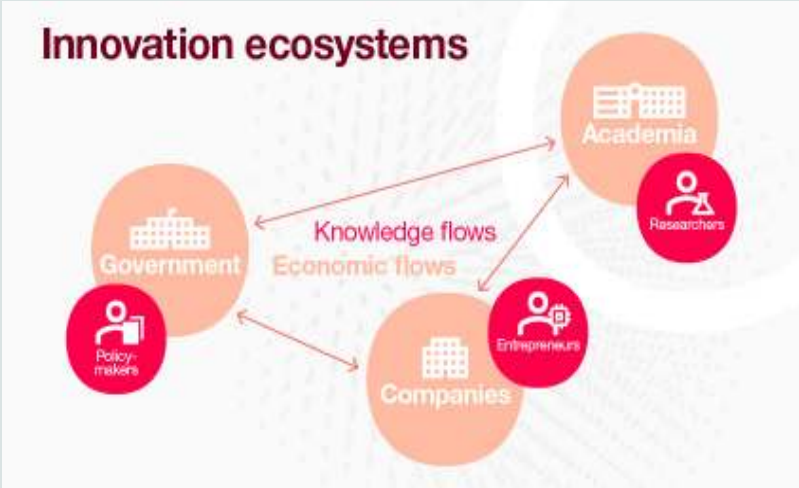
*An innovation ecosystem can be defined as the combination of all the stakeholders that make choices influencing innovation-related outcomes and, consequently, the direction of innovation. The choices and interactions that occur within the ecosystem are paramount and based on two elements:”
.....World Intellectual Property Report 2022*

1. Knowledge flows

Knowledge flows define the interaction between innovation ecosystem stakeholders. They provide potential innovation opportunities available to stakeholders, which in turn set the direction of innovation.

2. Economic flows

Based on predictions, companies, entrepreneurs and governments identify innovation opportunities that may potentially generate private and social returns – that is, the potential profit to a company or society.



.....World Intellectual Property Report 2022

How do we define Innovation?

“A country that does not innovate will die a slow death..”

.....Junichiro Koizumi, Former Prime Minister of Japan



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