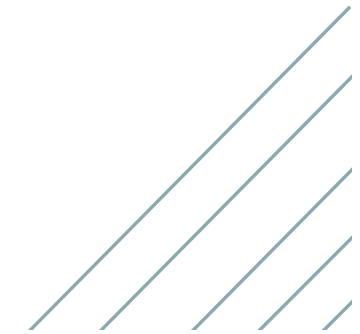
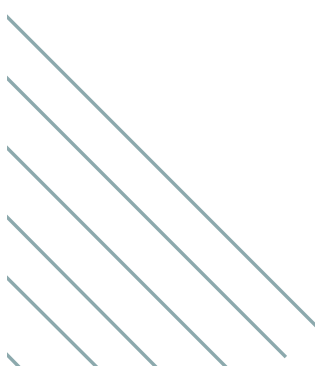




PAPUA NEW GUINEA

05 DECEMBER 2024

IP AND TECHNOLOGY TRANSFER SUMMIT,
FULLBRIGHT UNIVERSITY, VIETNAM

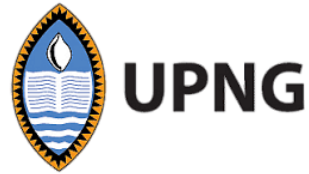


PART OF THE GLOBE



- GDP 32 Bil
- 10+ mil beings
- female 49%, demo (15–29)
- 22 Provinces
- Capital Port Moresby
- 800+ languages
- Christianity
- Sectors: Mining, Agriculture, Fisheries, Forestry
- 90% rural & customary
- 13% Electrification
- 32% Internet
- 8 Universities (4 Public)

ACADEMIA AND RESEARCH



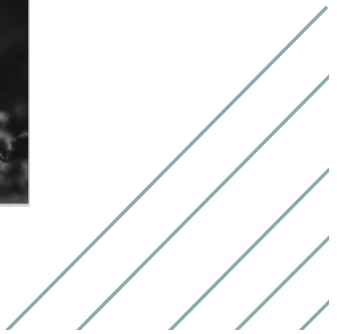
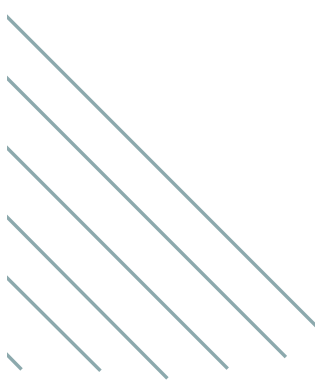
ABOUT US - INDUSTRY

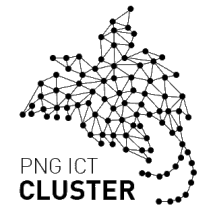


Cluster

Geographic concentration of interconnected businesses, suppliers, and associated institutions in a particular field.

Clusters are considered to increase the productivity with which companies can compete, nationally, regionally and globally.





OUR WORK - DIGITAL ICT SECTOR

PROMOTING TECH SECTOR INNOVATIONS AND ECOSYSTEM DEVELOPMENT
USING ECONOMIC CLUSTERS IN PAPUA NEW GUINEA

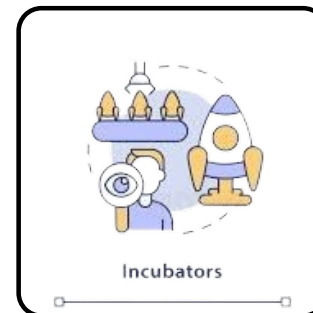
POLICY



EDUCATION



INCUBATE ACCELERATE



DIGITIZE ECONOMY

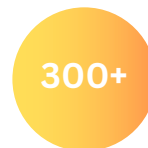


TRIPLE HELIX INNOVATION MODEL

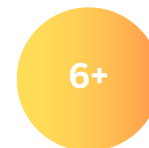
SINCE
INCEPTION
2014



FIRM
S



STUDENT



ACADEMIA



SPONSOR
S



GOVT



REGIONAL&GLOBA
L

CURRENT STATE OF IP AND TECH TRANSFER IN COUNTRY



COMPANIES REGISTRY,
TRADE & COMMERCE,
INVESTMENT



Intellectual Property Office
Papua New Guinea

TRADEMARK,
COPYRIGHT,
TRADE SECRETS,
PATENTS

- IP REGISTERED - MAJORITY FOREIGN OWNED . TO REGISTER PATENTS, ONE MUST GO OFFSHORE
- FRAMEWORK TO PROTECT LOCAL IP
- ABSENSE OF TT OFFICE/CENTERS WITHIN ACADEMIA AND INDUSTRY



ACADEMIA, NATIONAL INNOVATION POLICY & R&D



National Institute of Standards
& Industrial Technology

INDUSTRY STANDARDS

- IP POLICY & REGULATION
- IP LEGAL PRACTICE
- TAX PLANNING AND INCENTIVE
- FUNDING STRUCTURES



Internal Revenue Commission

TAX
PLANNING



PATENT HOLDER - REGISTERED IN THE U.S

DR CLEMENT WAINE (PHD)



SHOWCASING LOCAL INNOVATION
ECOSYSTEM
@TECHINNOVATE CONFERENCE
2019

*DR CLEMENT WAINE PRESENTING ON
PATENTS AND INNOVATION
>10 PATENTS REGISTERED
BIOTECH FIELD*

[HTTPS://PATENTS.JUSTIA.COM/INVENTOR/CLEMENTS-WAINE](https://patents.justia.com/inventor/clements-waine)

NOTABLE INVENTIONS SUCCESSFULLY USED OR COMMERCIALISED



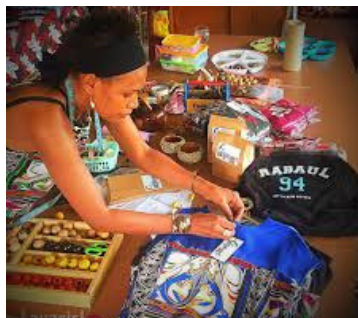
[HTTPS://WWW.POST COURIER.COM.PG/FE RTILIZER-OPENS-DOORS-FOR-FARMERS/](https://www.postcourier.com.pg/fe-rtilizer-opens-doors-for-farmers/)

COMMERCIAL TECH PRODUCTS WITHOUT IP PROTECTION (EXAMPLES)

KUMULSOFT	MINSOFT	FLEETMASTER
FAM	TRACKTRU	IOT CONTAINER TRACKING
IRC COMPLIANCE		

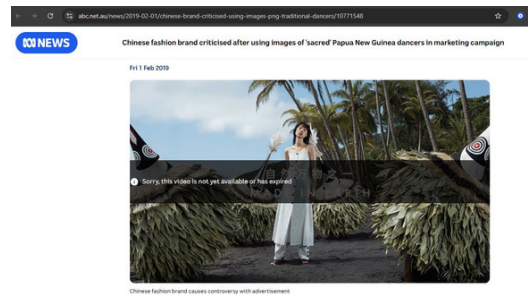
LACK OF PROTECTION AND IP FRAMEWORK FOR DIFFERENT INDUSTRIES

ARTISANS & DESIGNERS



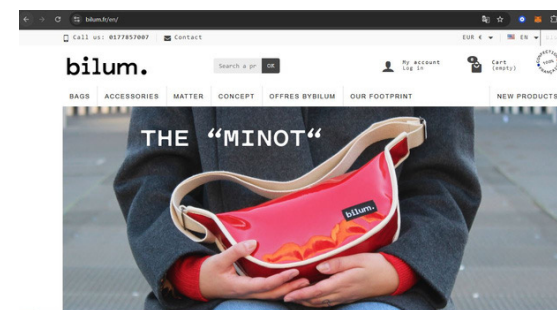
[HTTPS://EMTV.COM.PG/DESIGNER-ANNETTE-SETE-CALLS-FOR-OTHERS-TO-JOIN-FIGHT/](https://emtv.com.pg/designer-annette-sete-calls-for-others-to-join-fight/)

CULTURAL MISAPPROPRIATION



[HTTPS://WWW.ABC.NET.AU/NEWS/2019-02-01/CHINESE-BRAND-CRITICISED-USING-IMAGES-PNG-TRADITIONAL-DANCERS/10771548](https://www.abc.net.au/news/2019-02-01/chinese-brand-criticised-using-images-png-traditional-dancers/10771548)

NATIONAL NAMES USED IN DOMAINS



[HTTPS://WWW.BILUM.FR/EN/](https://www.bilum.fr/en/)

ACADEMIA
RESEARCH NOT
PROGRESSED TO
INVESTMENTS &
R&D

MUSIC

UNIVERSITY INNOVATIONS NEED TO BE COMMERCIALIZED THROUGH IP AND TECH TRANSFER



BASED ON EACH UNIVERSITY RESEARCH & DEVELOPMENT ENDEAVOURS, THERE NEEDS TO BE A CLEAR PATHWAY OF:

- 1. INVESTMENT AND COMMERCIALISATION SUPPORTED BY A WELL ESTABLISHED IP FRAMEWORK PROGRAM RELEVANT TO THE INDUSTRY**
- 2. GOVERNANCE FRAMEWORK FOR INNOVATION**
- 3. ESTABLISHING INNOVATION CENTERS, INCUBATORS/ACCELERATORS WITHIN ACADEMIA AND INDUSTRY**
- 4. COLLABORATION BETWEEN ACADEMIA AND INDUSTRY STRENGTHENED**
- 5. INNOVATION INVESTMENT STRUCTURES**



MOU WITH PNG UNIVERSITY OF TECHNOLOGY TO SETUP INNOVATION HUB IN ACADEMIA



MOU WITH DEPARTMENT OF ICT - PNG GOVERNMENT ON ESTABLISHING NATIONAL ICT INCUBATION CENTER



THANK YOU

PNG DIGITAL ICT CLUSTER
Email: digitalictclusterpng@gmail.com;
clustermanager@ictcluster.org.pg
www.ictcluster.org.pg

