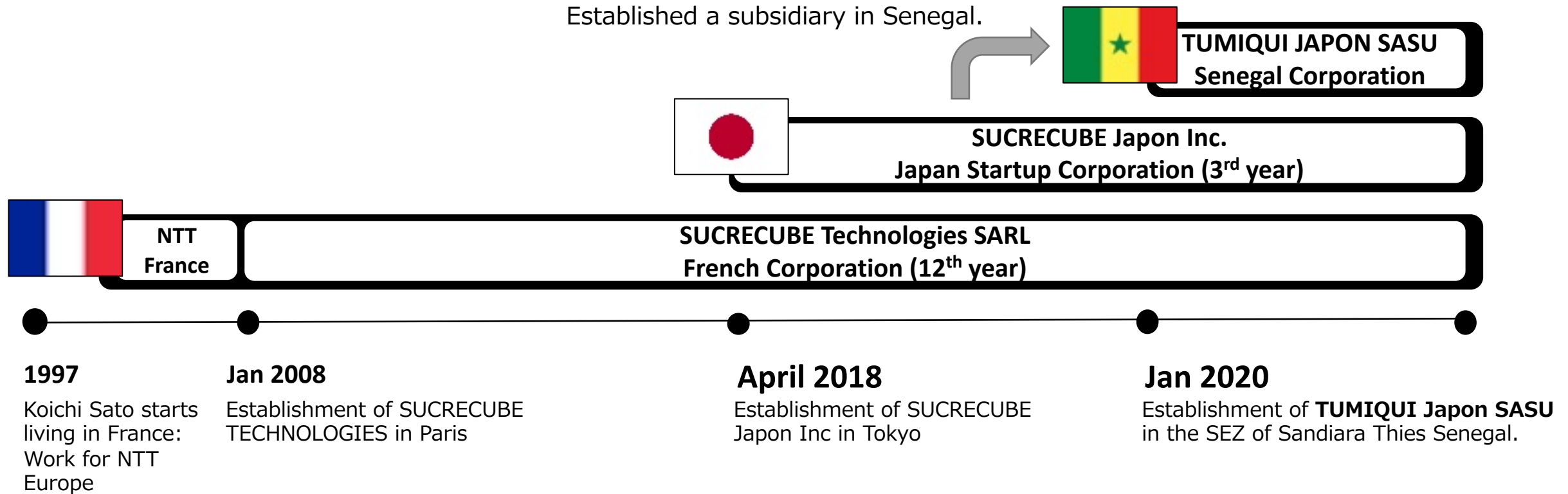


Electricity and Internet to the very end of Africa

SUCRECUBE Japon / TUMIQUI JAPON (Senegal)
CEO & Founder Mr. Koichi SATO
Le 15 april 2021

TUMIQUI® Project

Organization to promote business in Africa – SUCRECUBE Group



Global ICT Division

WEB Division

Renewable energy in Africa Division

Business Promotion and Support in French Speaking Countries Division

TUMIQUI

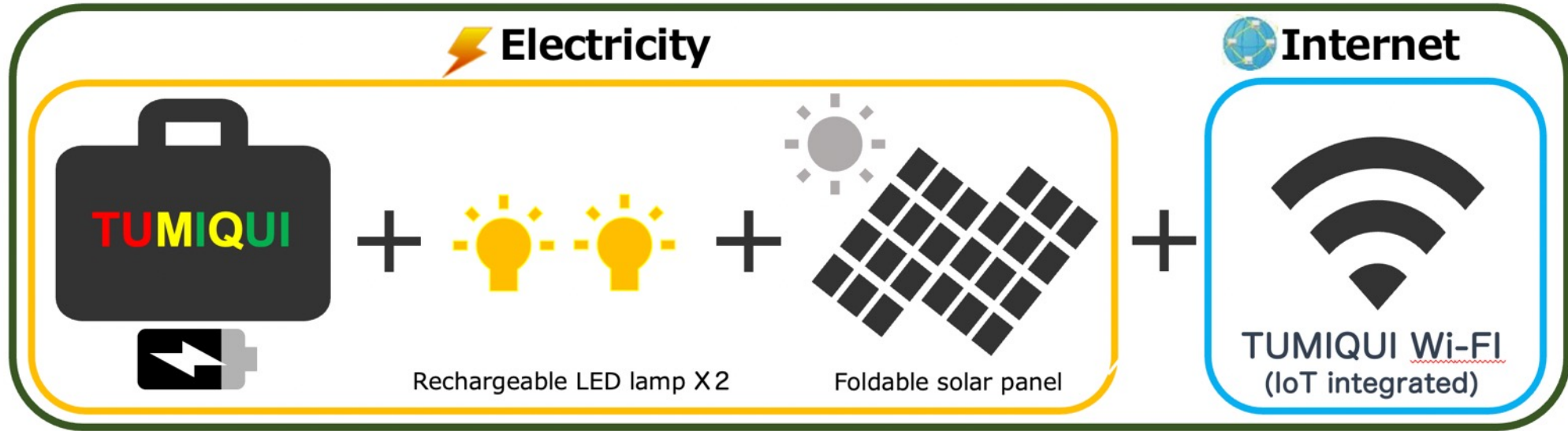
Philosophy and Solutions

For Africa with Japan -> Made in Africa with Japan



TUMIQUI : All-in-One Solution

TUMIQUI SMART KIT

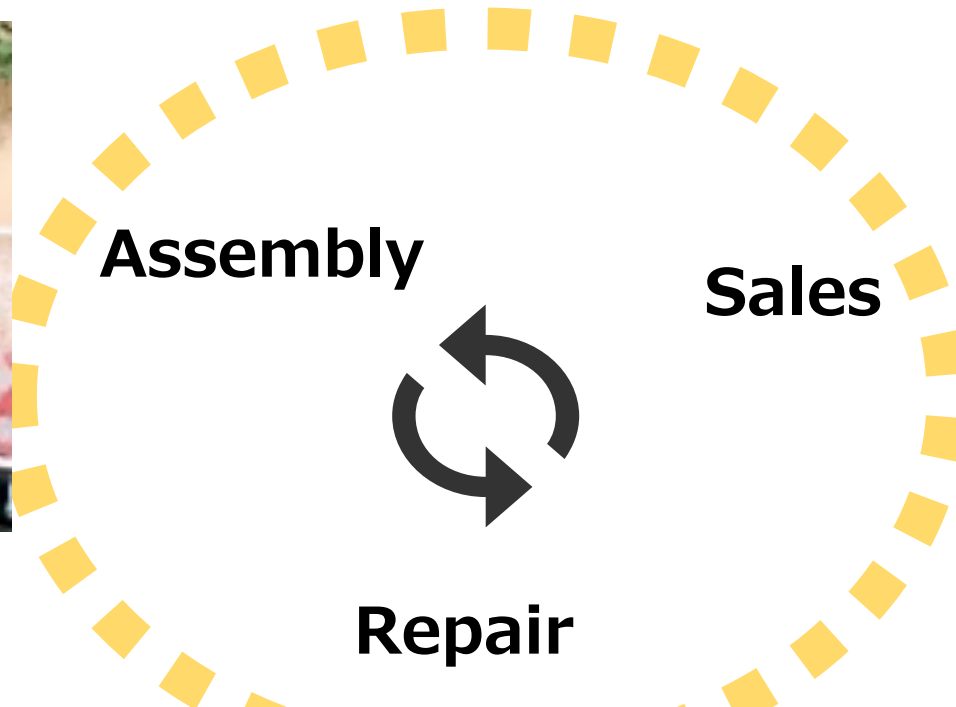


Multiple socket for multiple use : 5V (USB) and **220 V**

Fully tested product cycle for sustainable business.



**Import product parts and
Assemble in Senegal**



**Sell domestically or export
to ECOWAS 14 countries
(duty free)**



**Repair in an atelier
in Senegal**

Our Experience in Senegal

- Tests & Feedbacks -

Delivery room



Consultation Room



Mothers and doctors struggling in the dark...

Visit a clinic in unelectrified village.
They depend only on the sunlight of daytime

Photo: TUMIQUI ©

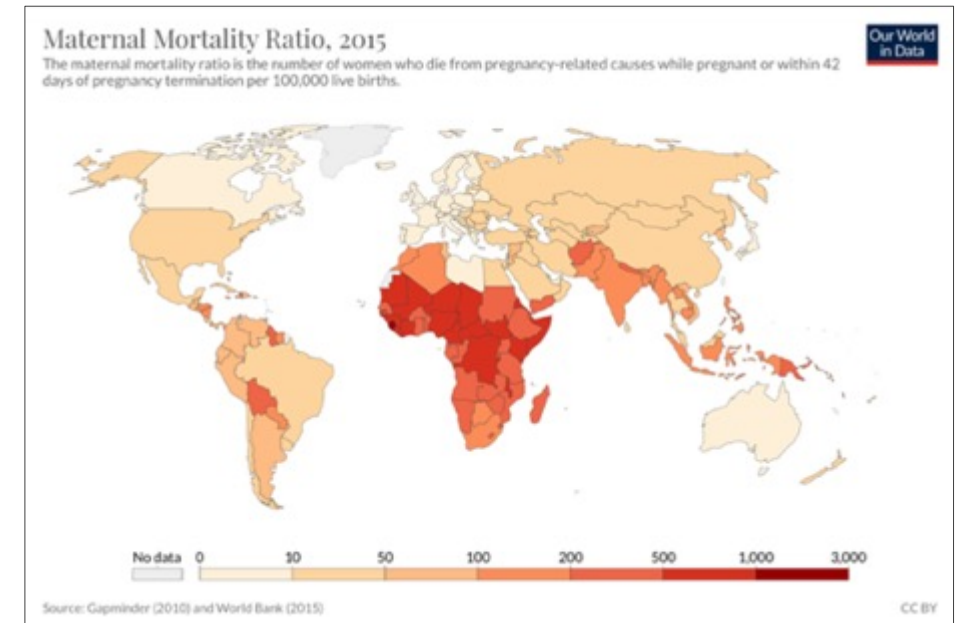
Photo: TUMIQUI ©

Lack of infrastructure causes maternal deaths

Estimated global « maternal deaths » are 295,000 / year !!

Of which 66% (196,000) occur in African countries

The UN has stated that by 2030,
**more than one million lives could be lost if lack
Of infrastructure persists.**

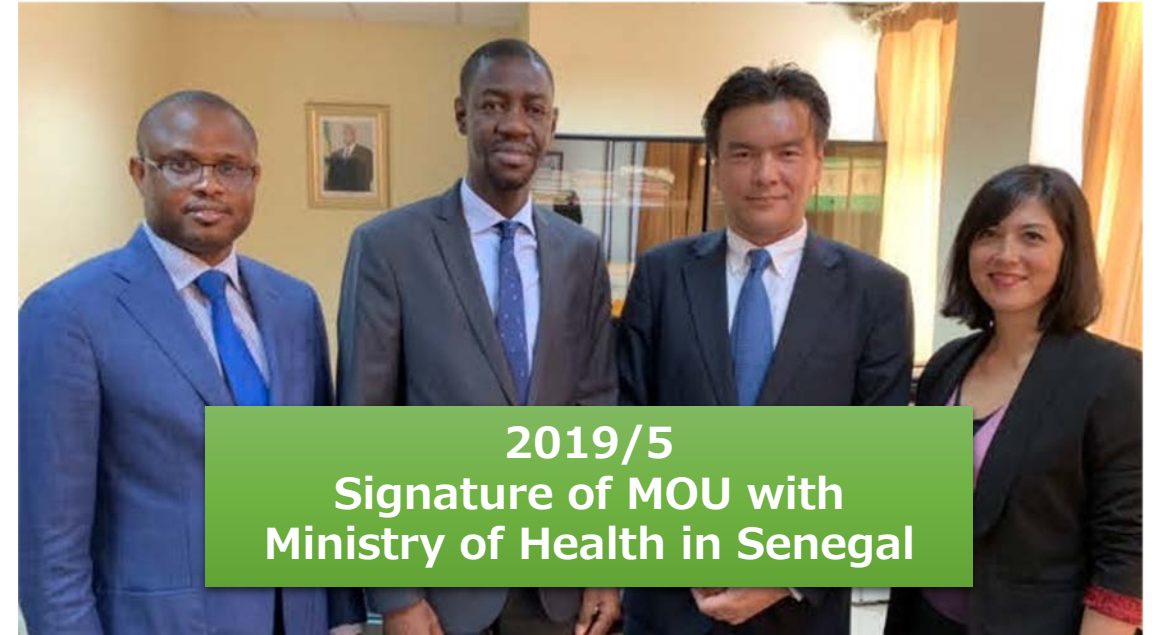


図出典 : <https://ourworldindata.org/maternal-mortality>
出典 : UNFPA (Trends in Maternal Mortality:2000 to 2017) ver 2019/9

**If we can bring electricity and internet,
bright light and remote medical diagnosis can save lives.**

→ We can save many lives!

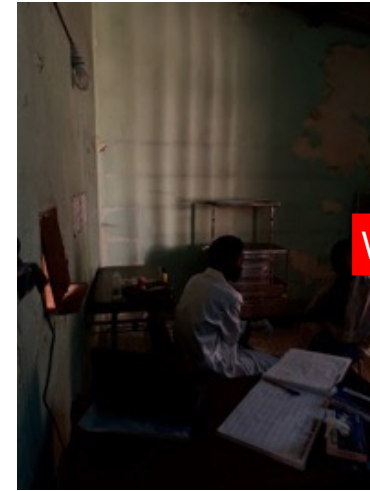
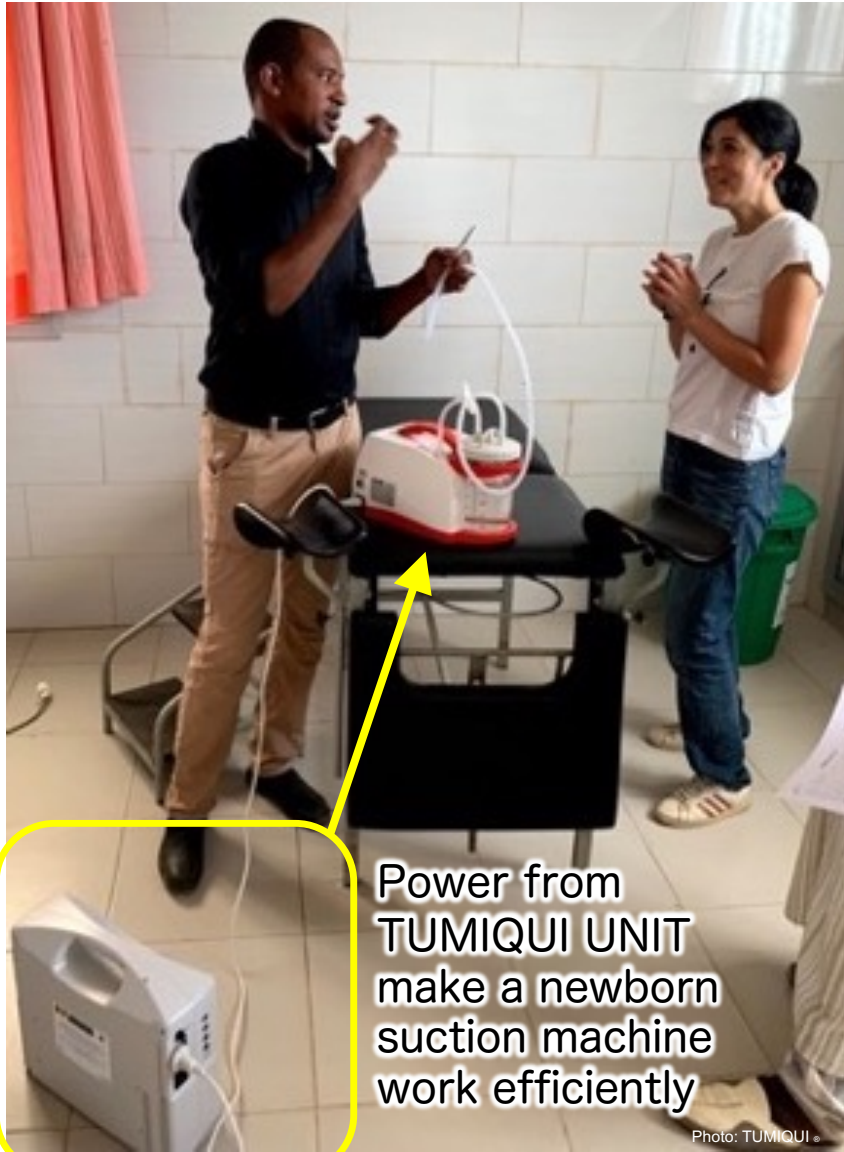
MOU with Ministry of Health in Senegal – 10 prototypes tested



2019/5
Signature of MOU with
Ministry of Health in Senegal



TUMIQUI : Healthcare digitalisation



Easy diagnosis at Medical carze site



Photo: TUMIQUI



Photo: TUMIQUI

E-healthcare



<http://ghf.g2hp.net/2011/09/16/raft-telemedicine-in-africa-2/>

➔ Promoting digitization of African medical practices with power and Internet.

Our network with African authorities



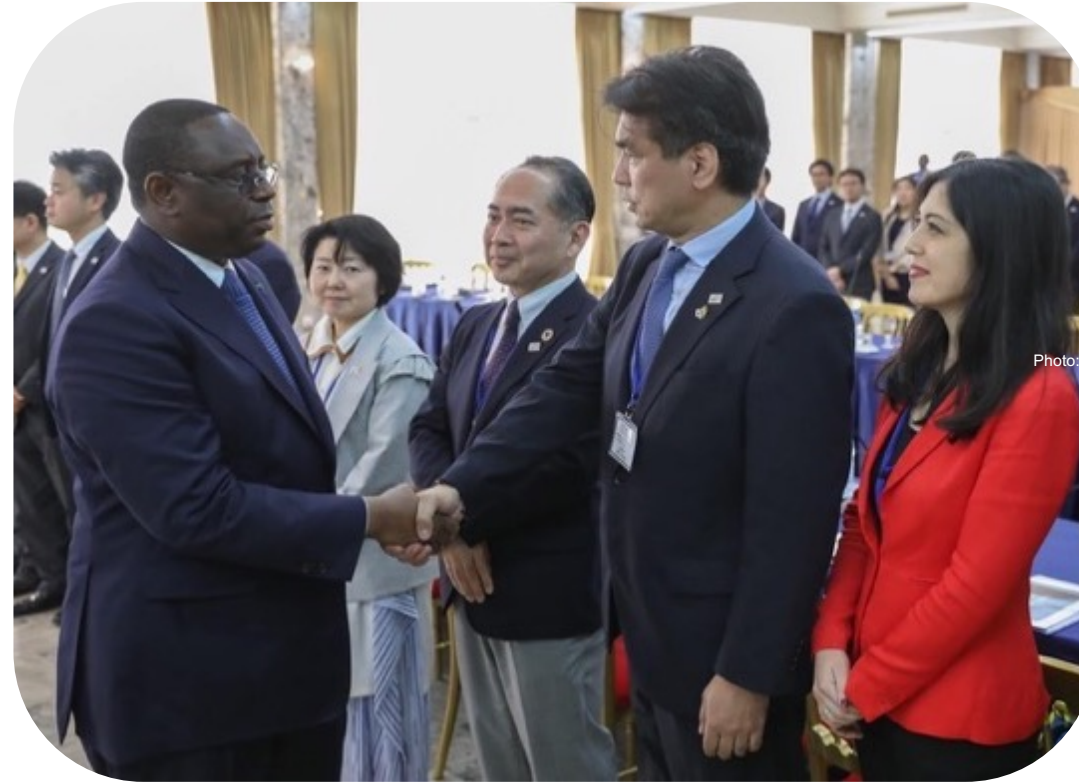
Dr. Serigne Gueye DIOP
Ministry Counselor of the President of
the Republic and Mayor of Sandiara



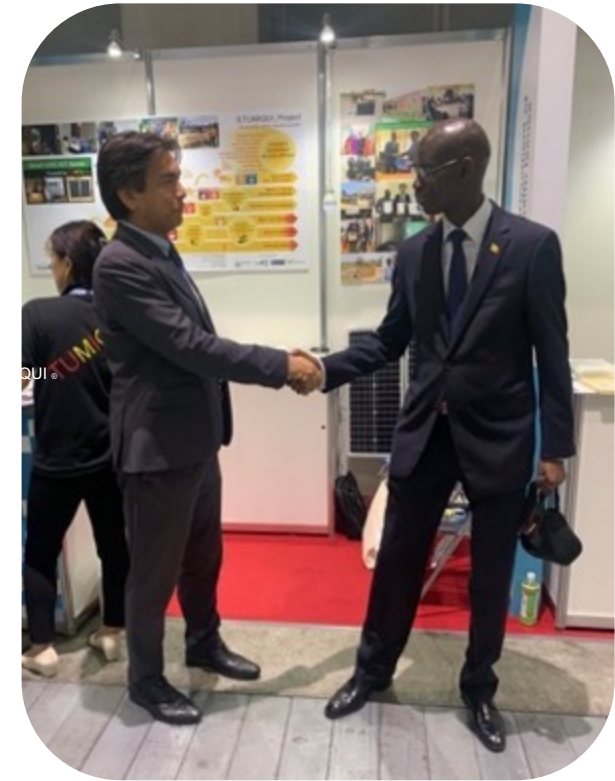
Signed MOU for smart city plans



His Excellency, Mr Macky SALL ,
President of the Republic of Senegal



H.E. Mr. Gorgui CISS ,
Ambassador of Senegal



Our continuous activities during COVID-19

Our continuous activities with remote mode in Africa during Covid-19



UNIDO, LKDF the Voice of Industry
July, 2020

Remote meeting tools have brought Japan closer to Senegal and Cote d'Ivoire.



https://lkdfacility.org/perspectives/?protagonist_s=hp&protagonists=sucrecube



We had to adapt ourselves to install the last unit in a medical center remotely.



We used a video to explain how to install the unit.
It was successfully done by engineers at the Department of Health !

August 2020: Meetings with government and municipalities

The Ministry of Health



We donated Japanese masks to the mayor of Sandiara City.



Senegalese food, so good!






TUMIQUI Project Phase 2 Digitalisation

Lack of Network coverage / reducing the dead zone

Senegal

Operator: Orange (Sonatel)

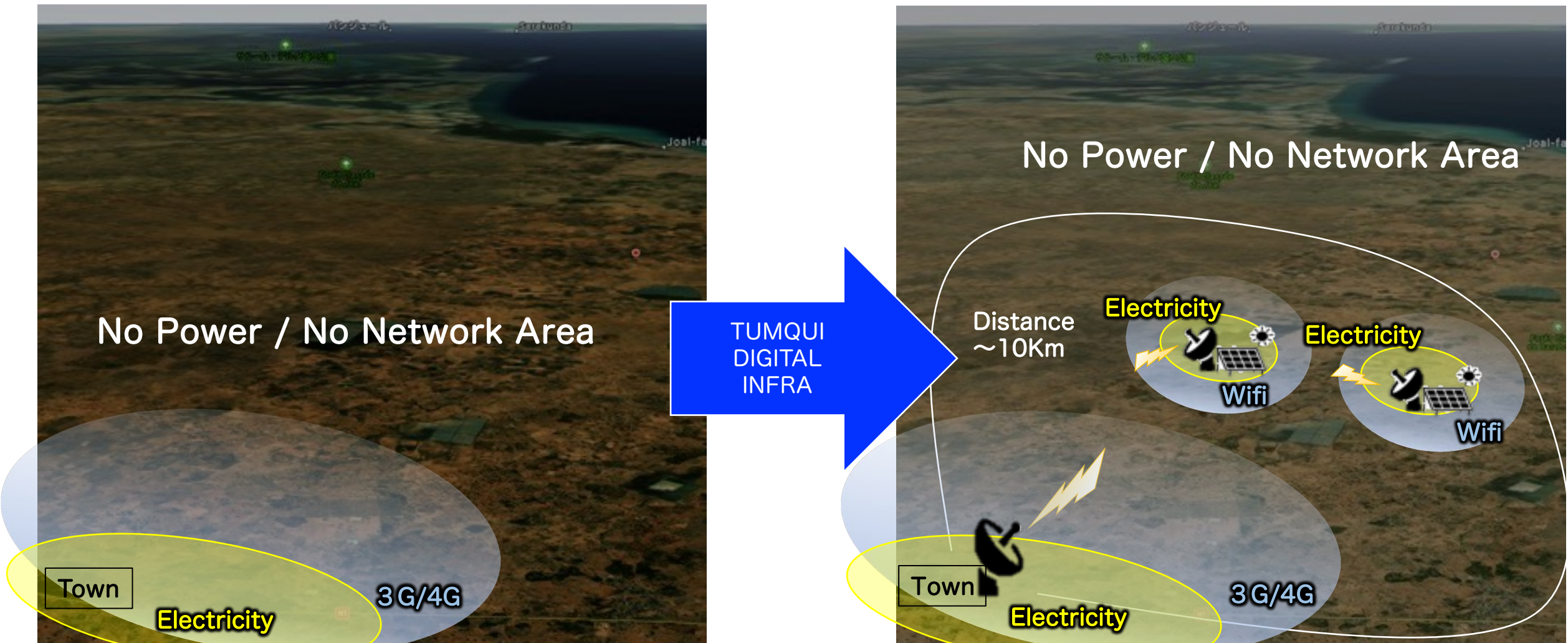
	2G = 0.1Mbit/s	Weak (Video impossible)
	3G = 14 Mbit/s	Low Speed
	4G = 100 Mbit/s	High Speed



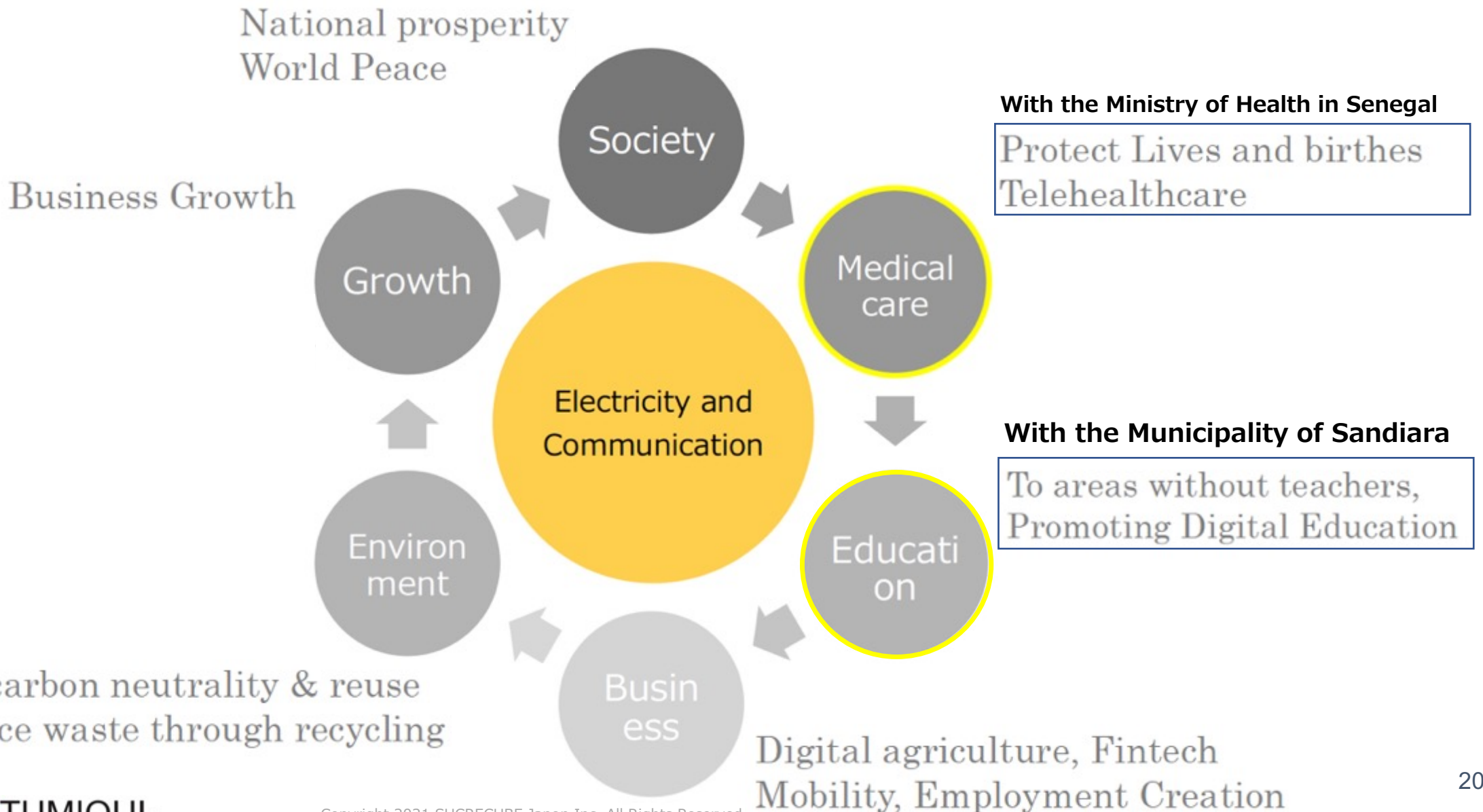
<https://www.gsma.com/coverage/#553>

Stable digital high speed network in rural area = **Renewable energy** + **Extension of communication network** + **Japan spirit Maintenance**

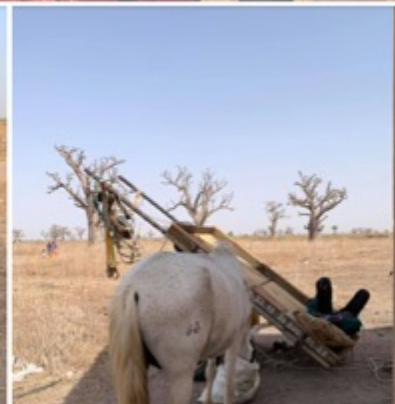
March 2021: First Test in Sénégal with Kansai Electric Power



Digital inclusion Ecosystem



Nio Far ! (we are together) : Made in Senegal with Japan



REMISE DU KIT SOLAIRE. MERCI AU GROUPE TUMIQUI POUR CETTE PHASE D'ESSAI À



MERCI DE VOTRE ATTENTION



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