The Global South Future-Oriented Co-Creation Project: Selected Companies (2nd Application)		
Project name	Confidential / Demonstration Project on Upgrading Wireless Networks using Dynamic Spectrum Access Technology	
Company	Sony Network Communications, Inc.	
Country	Confidential (ASEAN area)	
Category	Category 1 · Category 2 · Category 3	

Project Outline	[Outline] The project to introduce dynamic spectrum	Overview of DSA-based Business
[Project Scheme]	access (DSA) technology in ASEAN countries, promoting efficient use of radio spectrum throughout	Rights of spectrum use High
Demonstration Phase	society. DSA has a track record of national implementation in Japan, the United States and EU.	Vertical spectrum sharing
(Applicant)	DSA will help ASEAN countries overcome the barriers (=protection of incumbent wireless systems) to introducing more advanced wireless network.	Use of spectrum in a frequency band where New Entrants a variety of
<u>Business Phase</u>	[Expenses] 2.07 billion Yen	(interference operators in the same spectrum
(Applicant)	[Schedule] ① Consensus creation based upon business feasibility study Apr 2025 to Dec 2025	Rights of spectrum use Low
SNC (Applicant) SPC, etc. Local SPC, etc. Sales Partner	<ul> <li>② Establishing operational design and evidence necessary for commercial business Oct 2025 to Sept. 2027</li> <li>③ Establishment of business environment Apr 2025 to Mar 2028</li> </ul>	Campus network Industrial private wireless N/W Smart city MNO

## How this project will benefit

- ✓ Contributions to Japan's rulemaking for wireless systems
- ✓ Increasing the competitiveness of Japanese vendors
- ✓ Enhancing Japan's presence in area of 6G wireless ecosystem

## Support schemes of other governments to be watched

As part of its "Digital Silk Road initiative", China's government has supported the provision of 5G technology to ASEAN countries. Huawei and other Chinese companies have provided low-cost telecommunications equipment and signed memorandums of understanding with ASEAN governments on technology development.

## **Resulting benefit to Japan**

- ✓ Facilitating technological innovation of wireless communication equipment through introduction of DSA
- ✓ Increase of export of DSA-supported wireless communication equipment to the country/region (1.57 billion yen as of FY30)
- ✓ Establishing Japan's global leadership in 6G era

## • Other notes

- SNC is one of the two companies in the world that have commercialgrade DSA systems capable of managing both 5G and Wi-Fi.
- We have been preparing the demonstration environment with the backing of a senior government official (Minister of Communications, Minister of Higher Education, etc.).