

Country Report from Japan

Implementation of QZSS Update

**The 10th PNT Advisory Board Meeting,
August 14-15, 2012 at Pentagon City**

**Hiroshi Nishiguchi
Japan GPS Council**

Cabinet Decision on Sept. 30, 2011

- (1) Basic Thoughts on Promotion of Full-fledged QZSS Operation**
- (2) Implementation of Strategic Architecture for Space Exploration and Utilization**

Spurring to materialize QZSS architecture

- (1) Work for fixing the specification to make the QZSS practical**
- (2) Study on what O&M structures should be for QZSS**
- (3) Revision of the Cabinet Office Law, etc for undertaking the responsibility for O&M within Cabinet Office**
- (4) Establishment of “Office of National Space Space Policy” as the Command Directorate with enough national budget, and “Space Policy Committee” in the Cabinet Office, on July 12, 2012**

Mission of “Office of National Space Policy”

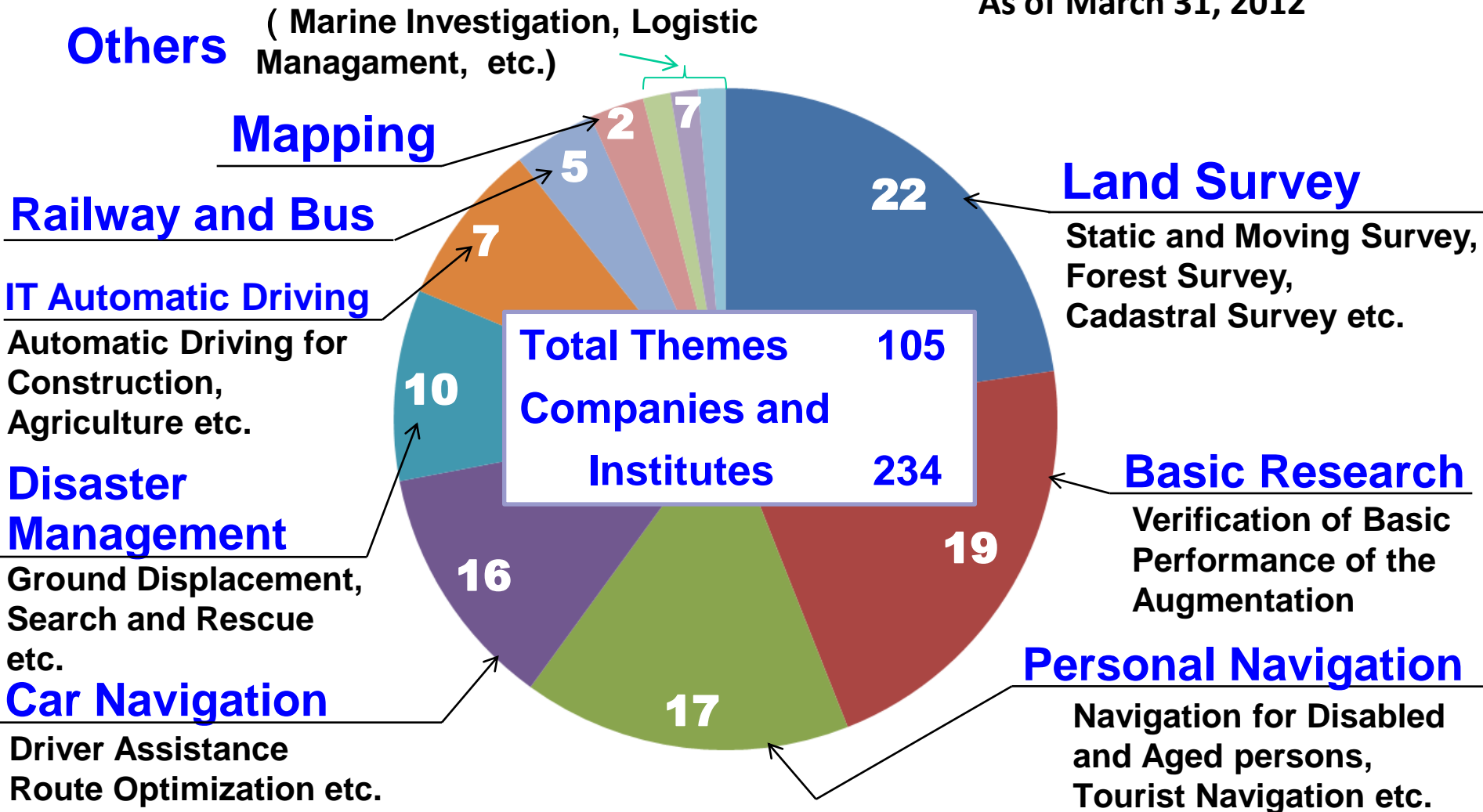
- **A role of Interagency Coordination Office**
- **Operation and management of QZSS**
- **Outreach activities**

Mission of “Space Policy Committee”

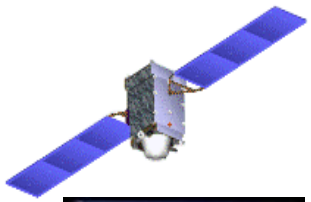
- **A committee reporting to the Prime Minister**
- **Authorization to assess important policies relating to the space exploration and budget allocation guidelines**
- **To replace the legacy “Space Exploration Committee”**

Application Demonstrations by Private Sector

As of March 31, 2012



L1-SAIF Application : Personal Navigation



Car navigation



Identified place & Historical site



Restaurant



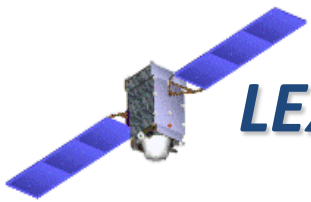
Public accommodation

Movie theater



コンテンツ		
歩行者ナビゲーション(スマホ) 誘導地図画面	誘導案内 NEXT LEFT	観光スポット Kiyomizuterate and the...
公共交通 From: Kyoto St To: Kiyomizuterate Karasuma Bus Stop-A2	ショッピング案内 △△センター 9:00~17:30~	レストラン情報 お食事案内 ○○食堂 ○○ retro buffet
エース・天気 Language 1. English 2. Chinese 3. Korean News Weather	マルチ翻訳 translation from Japanese into a foreign language ...	緊急メニュー 通報 通訳 HELP

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LEX Application: IT Aided Automatic Operation

Mobile Mapping & IT Aided Precise Farming Operation Demonstration (Feb.7-9 @ NIRE)

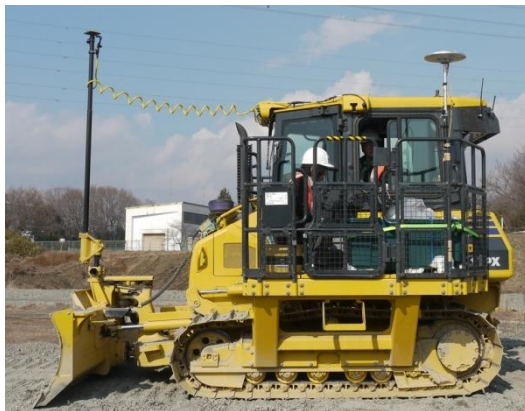


Mobile Mapping



Precise Farming

IT Aided Construction Demonstration (Feb.7-9 @ JCMA)



After bladed

Multi-GNSS Demonstration Campaign

ORGANIZATION: STRUCTURE OF MGA

MGA Member

Co Chairs

Prof. Akio Yasuda, Tokyo University of Marine Science and Technology

Prof. Chris Rizos, University of New South Wales

Steering Committee

Secretariat

JAXA

Observer

Government agencies and international organizations related to GNSS utilization in the region

Network Sub-Committee

MGA Member will participate in either group or committee

Precise Positioning WG

Working Groups

Disaster Management WG

Team Tsunami Monitoring

ITS WG

Team GNSS Meteorology

LBS WG

Team Landslide Monitoring



Multi-GNSS Demonstration Campaign

3 MAIN ACTIVITIES

1. Multi-GNSS Monitoring Network



2. Application Demonstration

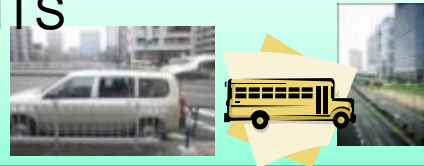
Disaster Mitigation



Precise Positioning



ITS



LBS



Others, ionospheric observation etc

3. Regional Workshop

3rd Workshop, Nov. 2011
@ Jeju, Korea:

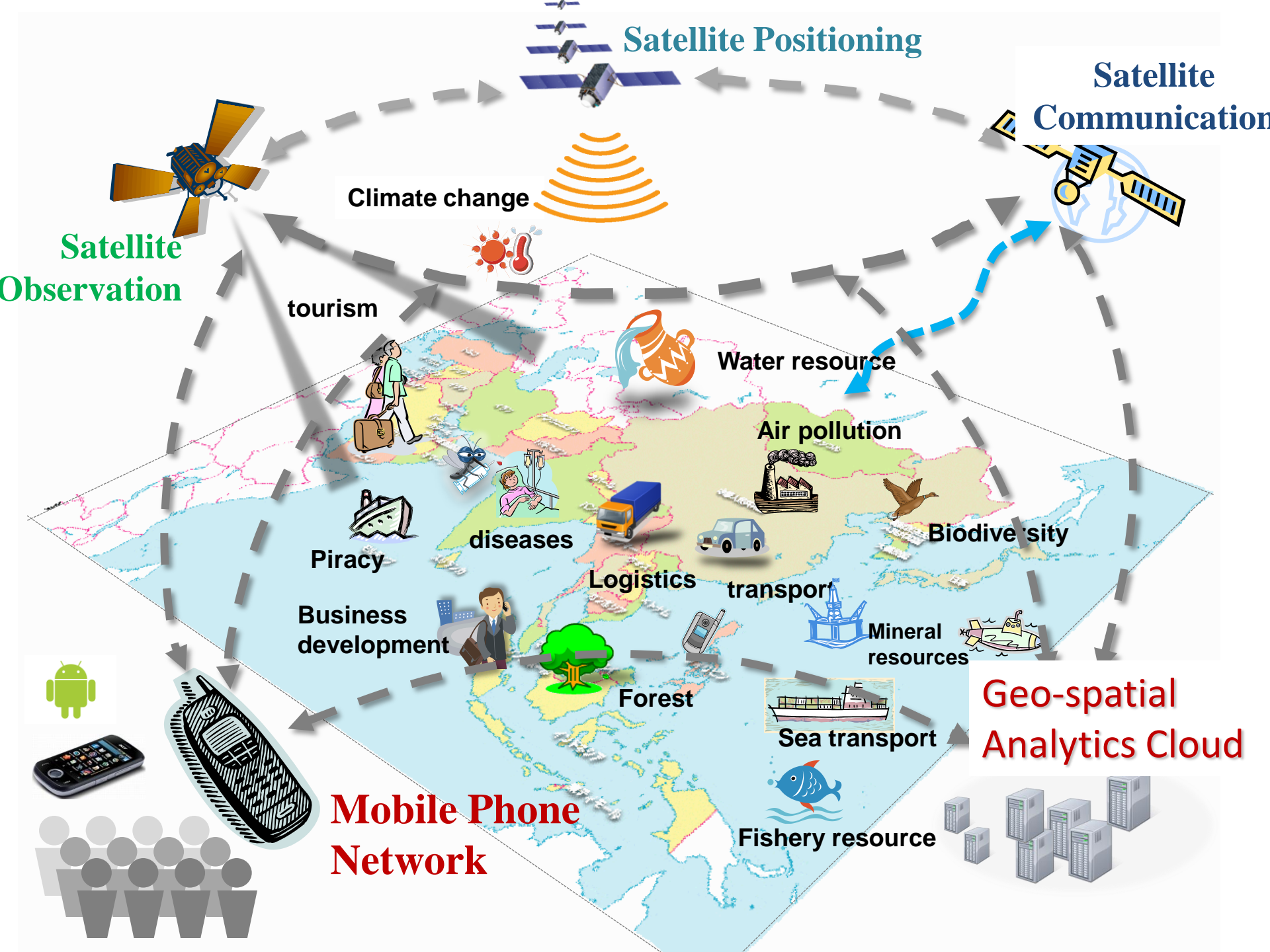


2nd Workshop, Nov. 2010
@ Melbourne, Australia



1st Workshop on GNSS,
JAN. 2010, @ Bangkok,
Thailand





Importance in the Multi GNSS era

- The US-Japan cooperation based on the bilateral government consultation on GPS, and multi-lateral conference on the ICG in the UN.**
- Government of Japan decided to undertake primary responsibilities to direct the GNSS issues.**
- One of JGPSC roles has been successfully achieved**

Thanks to the generous cooperation and contributions !