

BELS: GNSS Bridges between Europe and South East Asia

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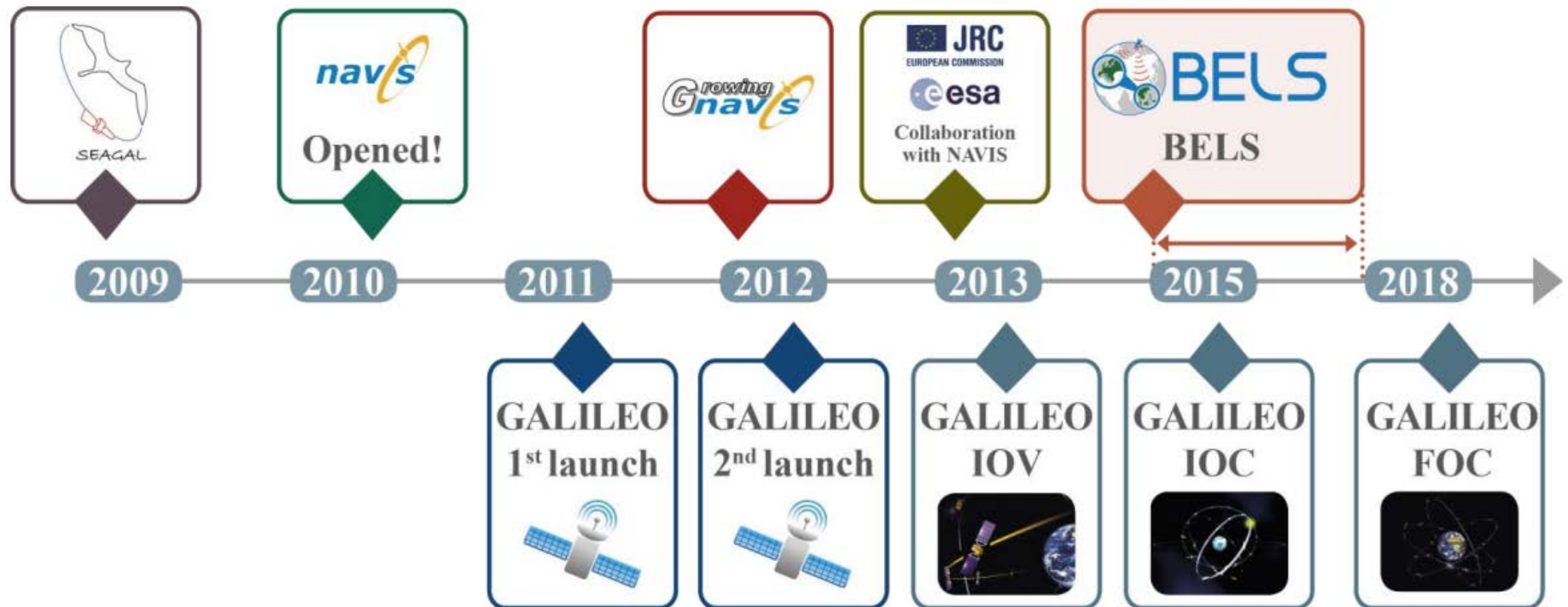
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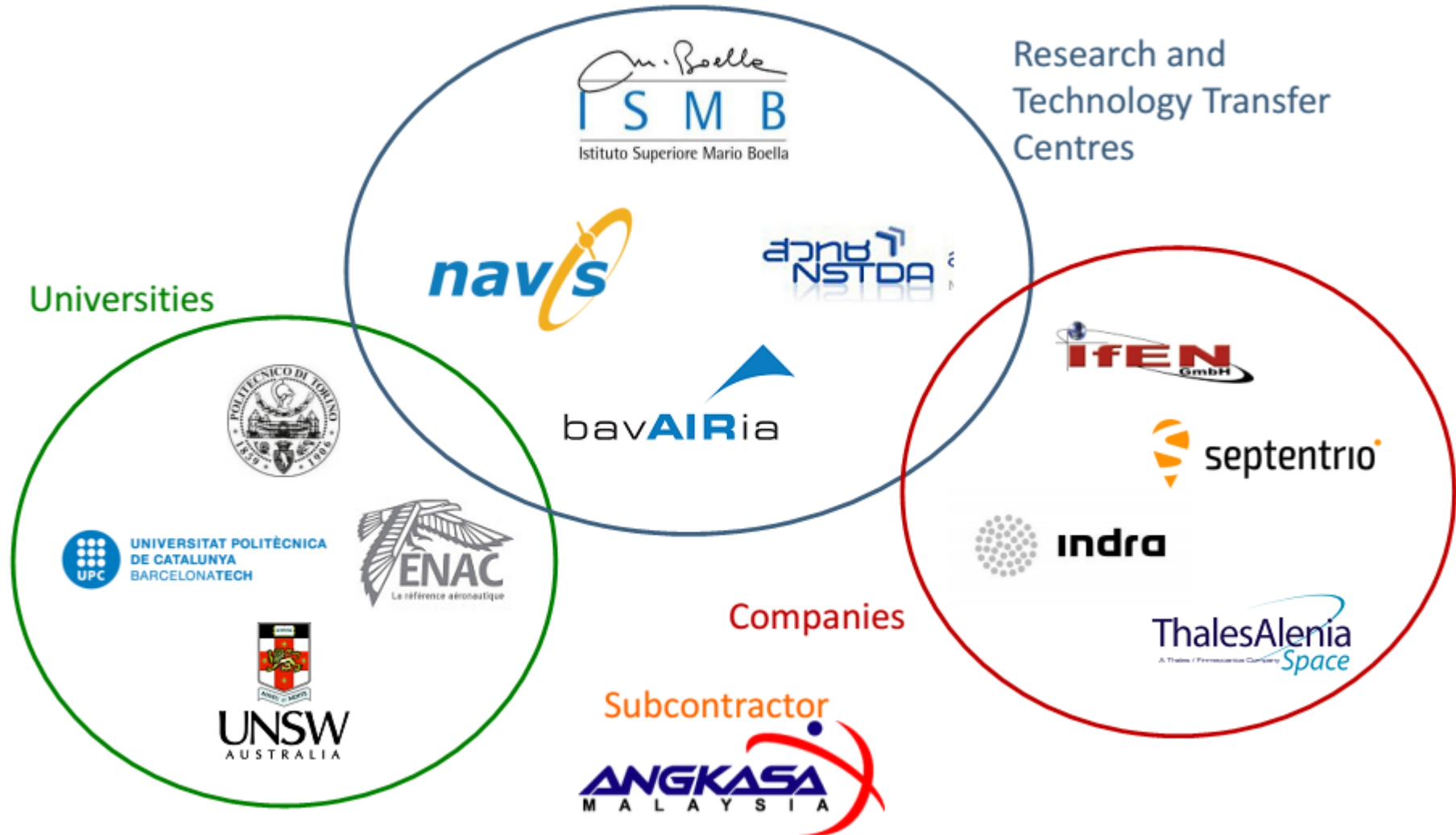


Grant Agreement number: 636853

BELS - Timeline

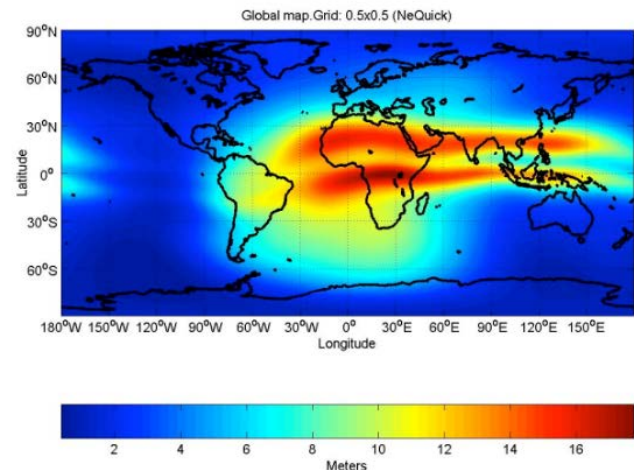


BELS – Stakeholders



Why South East Asia?

- Most dynamic region in the world with fast development
 - Growing and rather young population keen to use latest ICT technologies
 - GNSS applications are considered key for SEA sustainable growth
- Not GNSS Providers
- Best multi-GNSS coverage in the world
- Peculiar environment for ionospheric scintillations



A key focus for EU GNSS policies!

What is already there?



navis International Collaboration Centre
for R&D on Satellite Navigation Technology in South East Asia



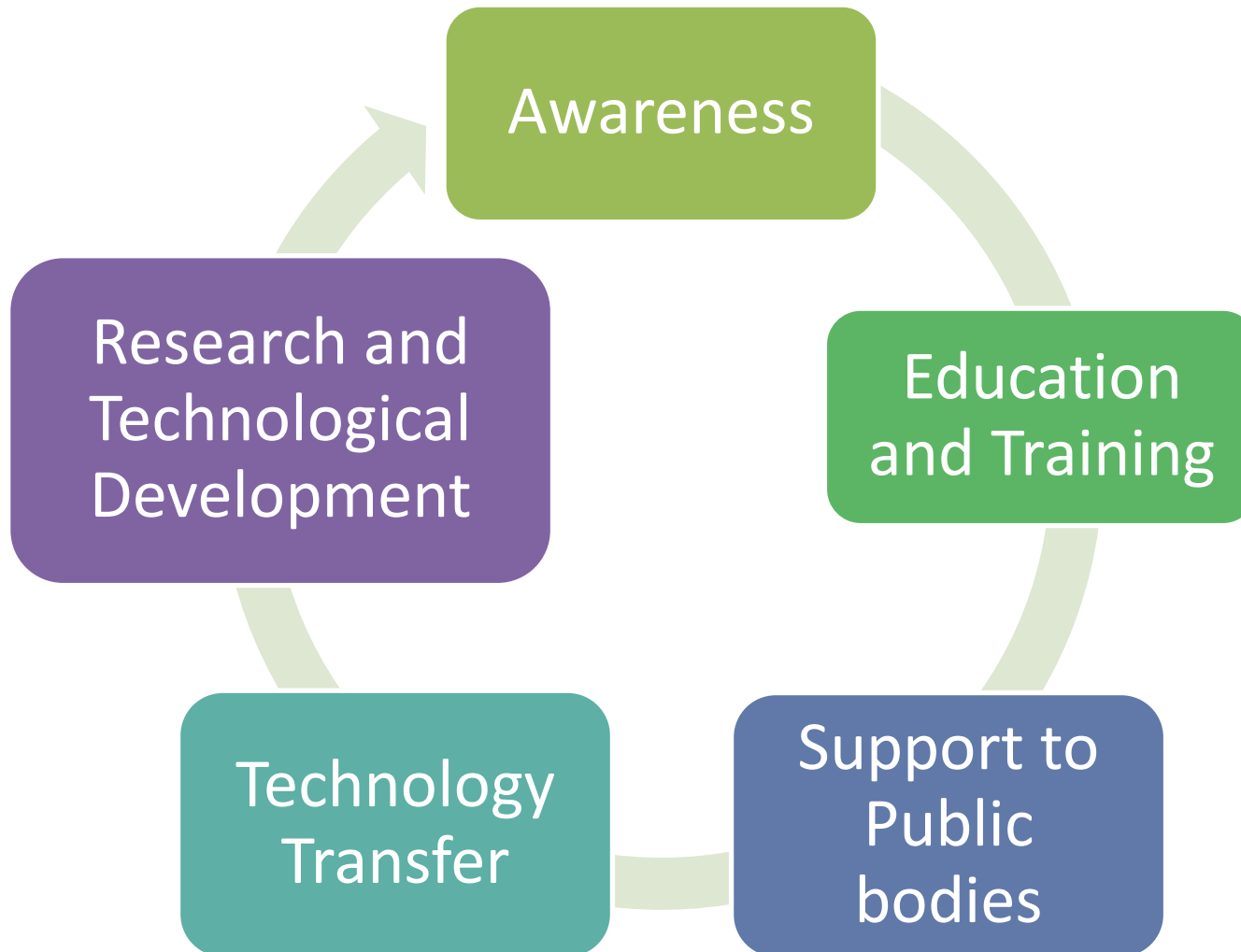

"The mission of Navis is to boost the R&D of satellite navigation technology, especially the European Galileo System, in South-East Asia."



<http://navis.hust.edu.vn>



NAVIS Services



NAVIS Strengths



Skilled and experienced personnel

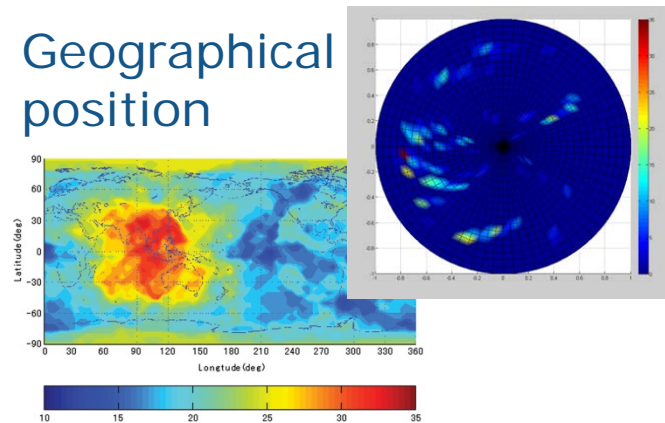


National and international recognitions



Facilities

Geographical position



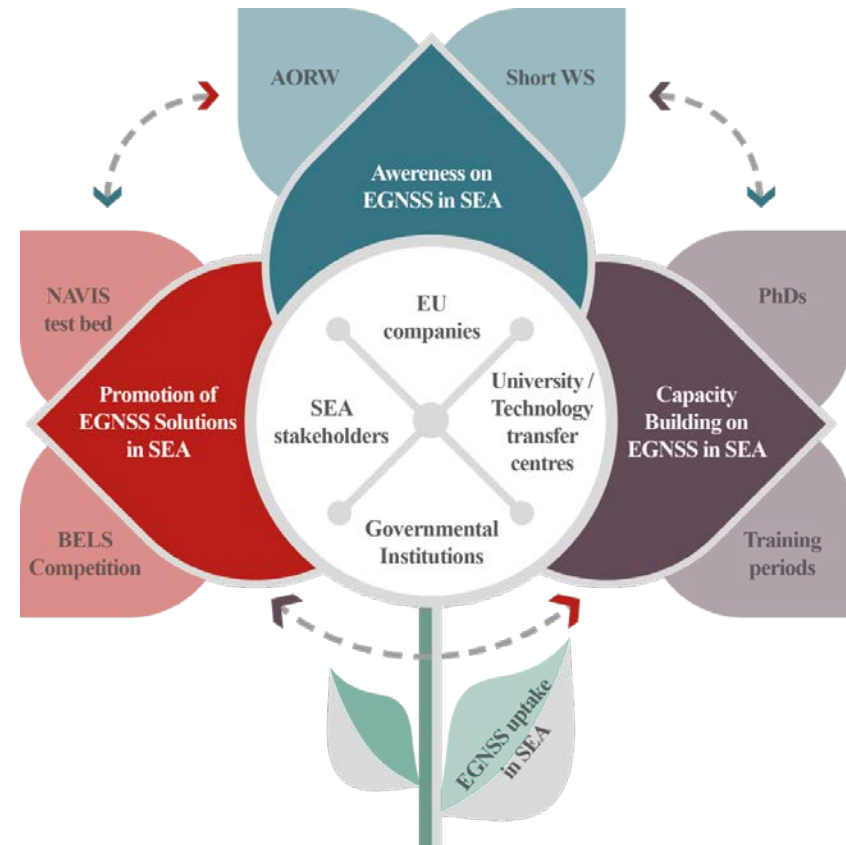
Staff already familiar with EU environment



Links with national and regional GNSS stakeholders

What BELS do

- Facilitate the **breakthrough of EGNSS technology in South East Asia** through the support to EU Companies to establish links in SEA and test their solutions in that environment
- Conduct a set of coordinated activities for **awareness raising and capacity building** to extend and strengthen the links between SEA and EU research institutions
- **Exploit the potentialities of the NAVIS** Centre in Hanoi consolidating the results achieved in past years and maximizing the outcomes



BELS

Building European Links toward
South East Asia in the field of EGNSS

What we do: Promotion of EGNSS Solutions in SEA

WE BRING EUROPEAN GNSS COMPANIES TO SOUTH EAST ASIA



1st Call for Expression of Interest

Supports visits of companies aiming to establish links to SEA stakeholders



2nd Call for Expression of Interest

Supports companies aiming to test their GNSS solutions in the NAVIS Centre in Hanoi



IGNSS 2016



CALL FOR EXPRESSION OF INTEREST
EXPLORING YOUR MULTI-GNSS TEST ENVIRONMENT
IN HANOI

GET SUPPORT FROM BELS TO VISIT THE NAVIS CENTRE AND TEST YOUR GNSS SOLUTION THERE

APPLY NOW

WWW.BELSPROJECT.EU
CONTACT: SABINE KLING / BARBEL DEISTING
BELS@NAVIAHIA.NET
PHONE: +49 030 325 / 27 29 27 46

European Companies in Hanoi

- 7 companies selected - 6 accompanied in SEA

SpacEarth Technology srl

STARLABSPACE®



What we do: Capacity Building on EGNSS in SEA

- **BELS Special Prize in ESNC**
 - Reserved to researchers and students from South East Asia
 - To attract smart SEA researchers to EGNSS-based solutions
 - To support their collaboration with EU companies and research centres



25th October in Madrid – ESNC Award Ceremony in 2016 Satellite Masters Conference

What we do: Capacity Building on EGNSS in SEA



- 6 applications received
- 3 researchers funded from Laos, Indonesia, The Philippines
- The call is still open

What we do: Awareness EGNSS in SEA



Member of
Multi-GNSS Asia
and co-organizer
of MGA
Conference in
Brunei (2015)
and Manila
(2016)



Short
workshops
in Indonesia,
Laos and the
Philippines



Future Perspectives



- Active while Galileo is fully deployed
- It will pave the way to **future cooperation** between European and SEA stakeholders
- Identify next steps to convert “European links toward South East Asia in the field of GNSS” into a **sustainable connection**

Thank you!



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Questions

