



Introduction to Korean Research & Innovation Activities in Europe

KOREA RESEARCH & INNOVATION CENTER | EUROPE



General Information on KIC-Europe



EUROPE is ...

*“Bridging all fields of
research and business innovation
between Korea and the EU”*

Korea – Europe Cooperation Platform

R&D

Projects

Innovation

Startup | SME

Policy

Agenda | Roadmap



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... a short history yet ...

11.2013
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- **Founding & Infrastructure Setup**
 - Non-profit organization [KIC-Europe ASBL] in Belgium (12.2013)
 - Infrastructure (Office space, Home page) Setup (~02.2014)
 - Manpower for centre operation hired (~04.2014)
 - **EU Trends** for EU trend information sharing

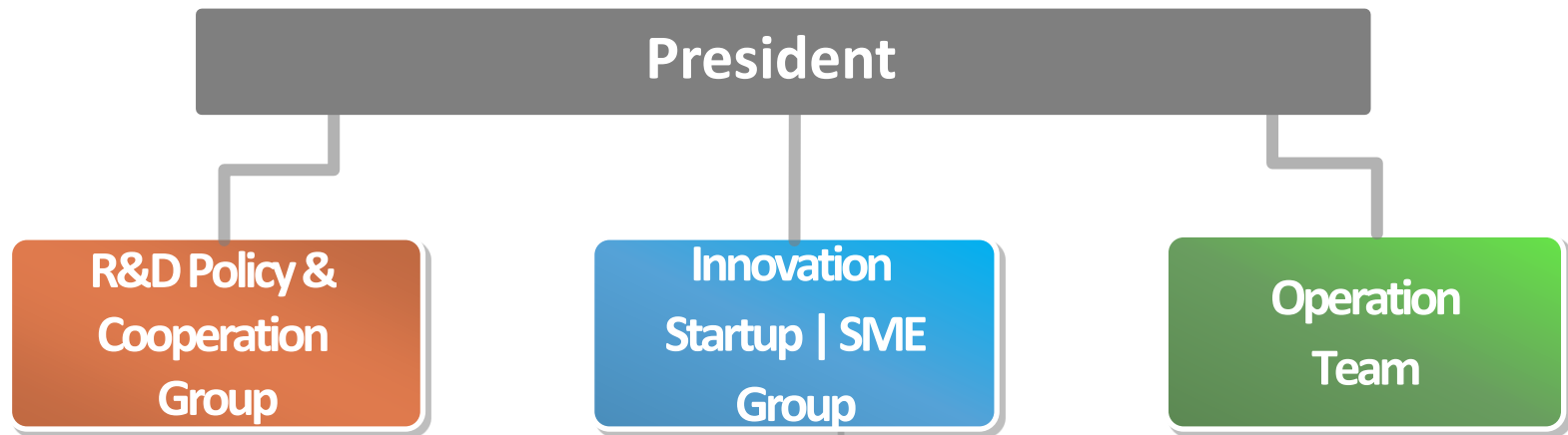
05.2014
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- **Building Partner Networks**
 - Experts/Professionals from Korea joined (05.~12.2014)
 - Networking activities "**KIC-Europe Open House**" (05.2014)
 - **Future Forums** (monthly) & **NCP** appointments
 - **ETRI-Fraunhofer Cooperation** coordination (06.~12.2014)

11.2014
~

- **Towards Tensible Cooperation Results**
 - **Korean Startups GoGlobal** on-site support (13 startups training, 11.2014~)
 - **R&D Joint project** developments & coordination (11 projects, 12.2014~)
 - Technology commercialization supports (**Korea Innovation Day** 2015, 02.2015)
 - Korean Startup to Europe programs (**Startup Demo Day**, 24~27.03.2015)
 - Korean 9 Startup (IoT, Fin-Tech) Demo Day (**Joint iMinds-KIC-Europe**, 02.06.2015)
 - ITU Telecom World 2015 (**Demonstration & IR Demoday**, 12~15.10.2015)
 - TNW & Pioneer Domo Day (16~27.5.2016), Berlin Safary Demo Day (12-15.10.2016), Fraunhofer IMW MatchEU Demo Day(17-25.11.2016)

[Key Player in Accelerating Korea-Europe Cooperation!]



Local Staffs



R&D Cooperation Activities @KIC-Europe

R&D Cooperation: we are always looking for multi-lateral/bilateral project partners.

- Supporting Research Collaboration for Korea–European Researchers
 - Help Desk | **HORIZON 2020** Training Support
 - Support for forming Consortium, Consulting IPR & Dissemination
- **NCP Coordinator** ICT|BT|NT | SME NCP (**National Contact Point**)
 - Consulting on planning Consortium and Business-related policies
 - Development of Roadmap on the R&D policies (Korea–EU)
- **Korea–EU Research Development** Jointly European Institutes
 - Bilateral(Multi-lateral): S&T, ICT; Converged R&D topics
 - "Collaborative Labs" Model
- **Korea–EU Project Proposals** 11 proposal submitted (4 Grant Agr.)
ICT, ICT-38-2015 | NT, FET OPEN-2015| ET, LCE-03-2015, etc.



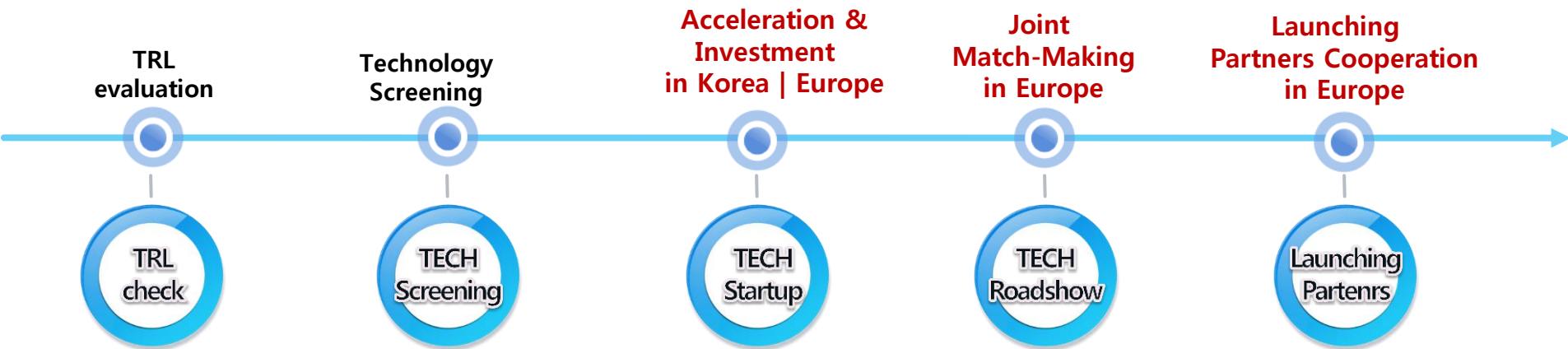
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Korea Research & Innovation Centre-Europe

**Tech Startup
Globalization Support
@KIC-Europe**

Tech Startups & Technology Commercialization (TC)

→ TC and Startups *GoGlobal* support: to Europe (to Korea partially)



→ Korea-Europe Collaborations

- Started: From Korea to Europe (also to Korea in plan)
- Winning Partners and Mentors: EBAN, EBN, iMinds, ...
- Innovation Day & Startup Demo Day launched in Europe
- Extended partner pool: Holdings, VCs





EUROPE Korea Startup Demo Day(1/3)



Korean Tech Startup DemoDay, very interesting

Brussel, België



팔로우

EBAN's President Candace Johnson speaking today at the first Korea Start-up Demo Day 2015 in #Brussels

Brussel, België



❑ Europeans' 1st contact with Korean Startups (March 2015)



- Sonictier & DOT awarded :
Best Entrepreneurship Award
& People's Choice Award
- DOT invited to Startupbootcamp
(15,000 euro + 0.45 m euro service)
- DOT's Smart Watch for Braille
attained Preorder of \$10.8 m



EUROPE Korea Startup Demo Day(3/3)



- 10 startups attended
- Investment Readiness Pgm & Pitching
- Investment Intention: \$10 m
- Sales Intention: \$3 m
- Just's Adventure office to be set up
- Piquant awarded for 'Best Idea'
- Piquant & Nexsys chosen for Pioneer 500

□ TNW & Pioneer Demo Day (Vienna, Austria & Amsterdam, NE, 5.16-27, 2016)



- 15 startups attended
- Investment Readiness Pgm
- Pitching for Investors
- Investment Intention: \$5.69 m
- Sales Intention: \$0.22 m

□ Berlin Startup SAFARY(10.12-15, 16), Fraunhofer IMW MatchEU(11.17-25, Leipzig)

KIC-Europe [Startup Autobahn]



Tele-Pitching



Online IR



DEMODO DAY

London, Berlin, Paris,...



VC, Angel networks,...



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K-Startup Grange Challenge (1/3)

Why Korea ?

Most innovative country in the world

(Bloomberg 2014/2015, [European Innovation Scoreboard 2016](#))

Highest GERD (4.36% of GDP) and **fastest growing GERD in the world** (9.4%) with China

Fastest internet connection & Highest number of broadband services per capita

Most connected country (95% covered in WiFi)

4 out every 5 people: smartphone users

- ✓ 18 Creative Economy Innovation Centers:
One Stop Services for supporting startups from ideas stage until investment
- ✓ Government spending budget of 2 bn/yr for Korean Startup Ecosystem



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K-Startup Grange Challenge (2/3)

Winners

20 Teams:
\$40K
grant each



#1: \$100K grant

#2: \$40K grant

#3: \$20K grant

#4: \$6K grant



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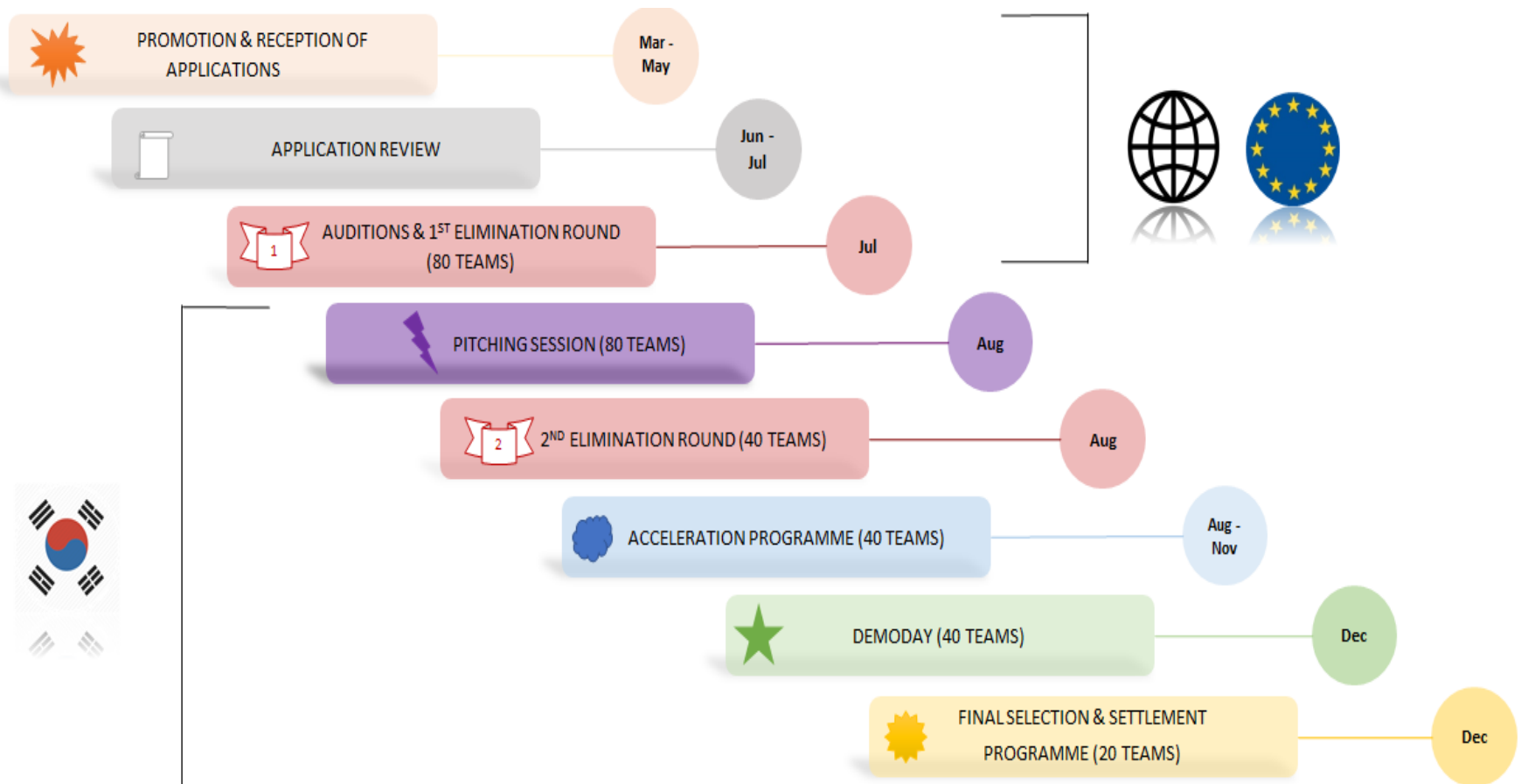
months

SAMSUNG

HYUNDAI



K-Startup Grange Challenge (3/3)





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Korea Research & Innovation Centre-Europe

**Global Technology
Commercialization (TC)
@KIC-Europe**

Korea TC Lab: K-TCLab

KiC-Europe launched a Technology Commercialization Lab @ Fraunhofer IMW to help Korean SMEs to level-up their business expertises

Accelerated Market Introduction Project

for Korean Companies coming to Germany / European Union

With the KIC-EUROPE's "TCLab@IMW" Program

Fraunhofer Centre for International Management and Knowledge Economy



K-TCLab@IMW : Support Process



Stage 1 - Support Online

Kick-Off
Coaching

Tool: E-Learning
Plattform



Stage 2 - Support On-Site

Coaching
Networking

Tools: Workshops
and Meetings



Stage 3 - Support in Follow-ups

Closure Workshop
Networks

Tool: Evaluation
and Follow-up Plan



Internationalization Potential
analyzed and verified↵

On-Site Business Plaza

KiC-Europe will launch a service package (incl. language, legal and notary supports) to help Korean startups to set up a business in Europe

KiC-Europe's Internationalization Package



for
Korean SME·Startups

Service set with fund:

- Virtual Office
- On-site logistics
- Set up of headquarters
- Company incorporation
- Connecting with experts
- Legal documents
- Languages: EN, FR, DE, NL, SP

Key Achievements (2015-2016 YRS)

KIC-Europe [Major Achievements]

R&D Policy Cooperation

- EU Horizon 2020 Joint Project Approval 4 Cases
 - (KICT) Consortium with Germany Helmholtz GFZ, Renewable Energy (4yrs € 24M)
 - (ETRI) Consortium with Belgium ERTICO, Autonomous Cars in Connt Environ (3yrs € 26M)
 - (ETRI) Consortium with France CEA-LEIT, 5G area (2yrs € 9M)
 - (ETRI) Consortium with Greece NTUA, Cloud Computing (2yrs € 4.5M)
- EUREKA Cluster(ITEA3) 2 Cases
 - (ETRI) Consortium with the Netherlands TNO (3yrs € 24M)
 - (ETRI) Consortium with Canada Innovative Trauma Care Inc. (3yrs € 20M)
- Other KO-EU Joint Research 9 Cases
 - ETRI, KITECH, Fraunhofer Industry 4.0 area
 - KO-Germany Joint Research and 8 more
- R&D Policy Analysis 140 Times
 - EU R&D, Science & Technology Policy Analysis dispersed through NRF Monthly Report & KIC Europe Website

TC & Startups

- Korea Innovation Day(2015.2) Letter of Intent €1.2M
 - Transparent Display Screen (€ 1.2M /3yrs)
- 「KIC Autoban」 Startup Programme IR(10 times) & Korean Startups(46 teams)
 - DOT: BCN Accelerator 'Startupbootcamp' invited (€15,000 Cash + € 450,000 Service) & POSCO acknowledged enterprise value € 24M
 - ToobPlus: Korea Venture Invt. € 95,000 Investment
 - Sonictier: KTB Network, HB Investment each €1.2M
- ITU Telecom World 2015 Awards Received
 - DOT(Braille Smart Watch)& Sonictier(3D Sounding) Enterprise Awards Received
- Pioneers & TNW Awards & Investment Attraction
 - Total Value of Investment Discussed: € 9M
 - Total Value of Export Discussed: € 3M
 - Just's Adventure inc. planned to establish in Europe

Thanks for Listening!
감사합니다!

KIC-Europe

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