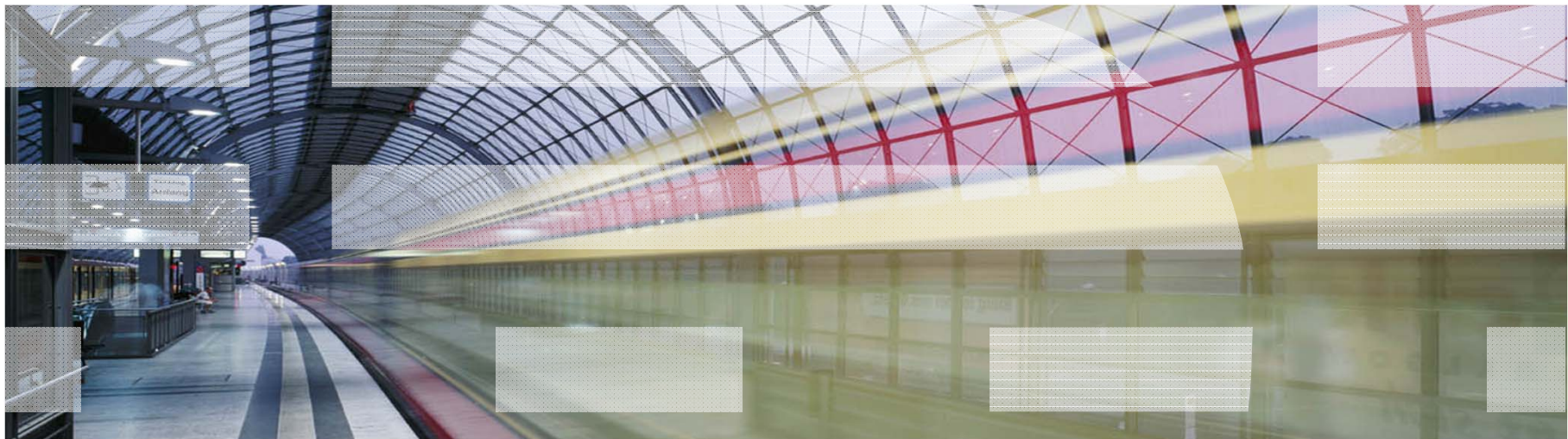

Dutch SKA Industry Alliance Jan Blommaart (IBM)

October 10, 2012



Status as of today

1. SKA will be built
2. In South Africa and in Australia
3. Project organisation in Manchester
4. Strong participation by ASTRON
5. Projects in NL (by ASTRON and partners)

The Opportunity of the SKA for the Dutch Industry

1. Lead or participate in the design and implementation of SKA precursors projects
2. Participate in the design / engineering of upcoming workpackages
3. Participate in the development of new technology required for the SKA
4. Deliver in the implementation of the SKA

All very promising.....

However.....

Budget / financing is not clear

Still several years to come

International governance is not fully established yet...

Knowledge domains & Spin-off

- What are the primary knowledge domains that are of interest for the Dutch industry?
 - ✓ Real-time data analysis
 - ✓ Command & Control / Monitoring
 - ✓ Chip technology
 - ✓ Networking / interconnect technology
 - ✓ Antenna build
 - ✓ System Integration
 - ✓ Data Processing / Storage / Archiving
 - ✓ Testing / manufacturing / deployment
 - ✓ Energy production / sustainable designs

Detailed Topic Walk through: NL Industry Ambitions

- What are the ambitions of the Dutch industry?
 - ✓ Aperture Arrays (EMMA)
 - ✓ Green LOFAR station
 - ✓ System Design
 - ✓ Parts of selected work packages
 - ✓

Dutch SKA Industry Alliance

- Collaboration model between dutch companies aimed at winning business related to the SKA project
- Started by Siemens, NXP, IBM
- Any company can join if serious on content and intention, takes medium to long term view

Next Steps

- Establish new membership of Dutch SKA Industry Alliance mid November 2012
- Updated version of Industry Paper end of November 2012
- Investigate RFP's for work packages December 2012 / January 2013
- Prepare responding