ARTEMISIA ASSOCIATION

The association for R&D actors in the field of ARTEMIS

Creating the Research Agenda
of the Joint Undertaking

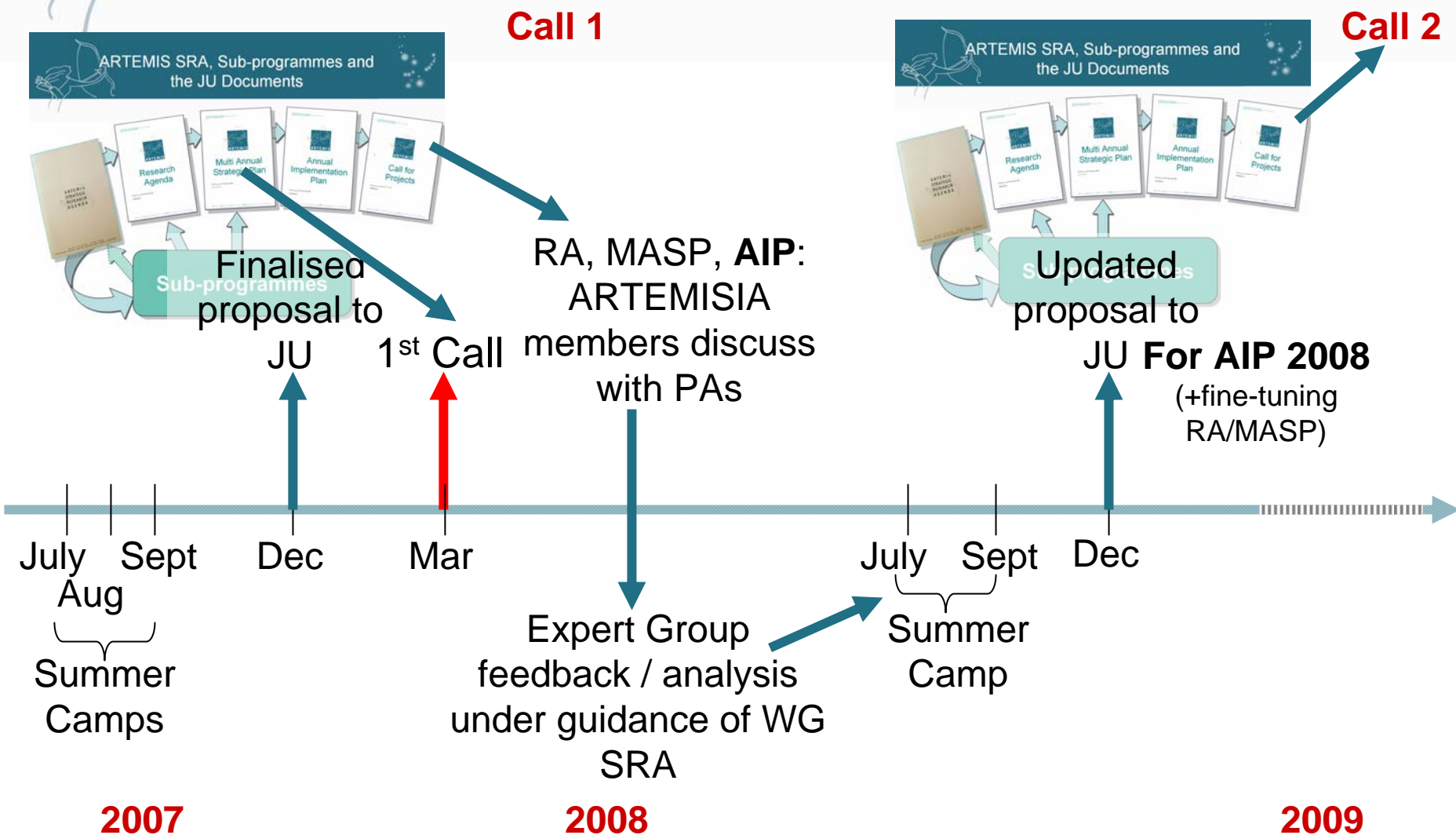**A**DVANCED **R**ESEARCH **&** **T**ECHNOLOGY FOR **EM**BEDDED **I**NTELLIGENCE AND **S**YSTEMS

First principles

❖ The JU RA must consider the expectations of the JU and resulting projects:

- "Think BIG"
  - = large projects with significant (societal) impact, which open **new business opportunities**
- "Socio-Economic Benefits"
  - = improved industrial efficiency "... to strengthen European competitiveness and allow the emergence of new markets and societal applications." i.e. a focus on **key, high-visibility applications**
- "Multi-national"
  - = considers national/regional strategic priorities

ARTEMISIA -> JU proposals – timeline
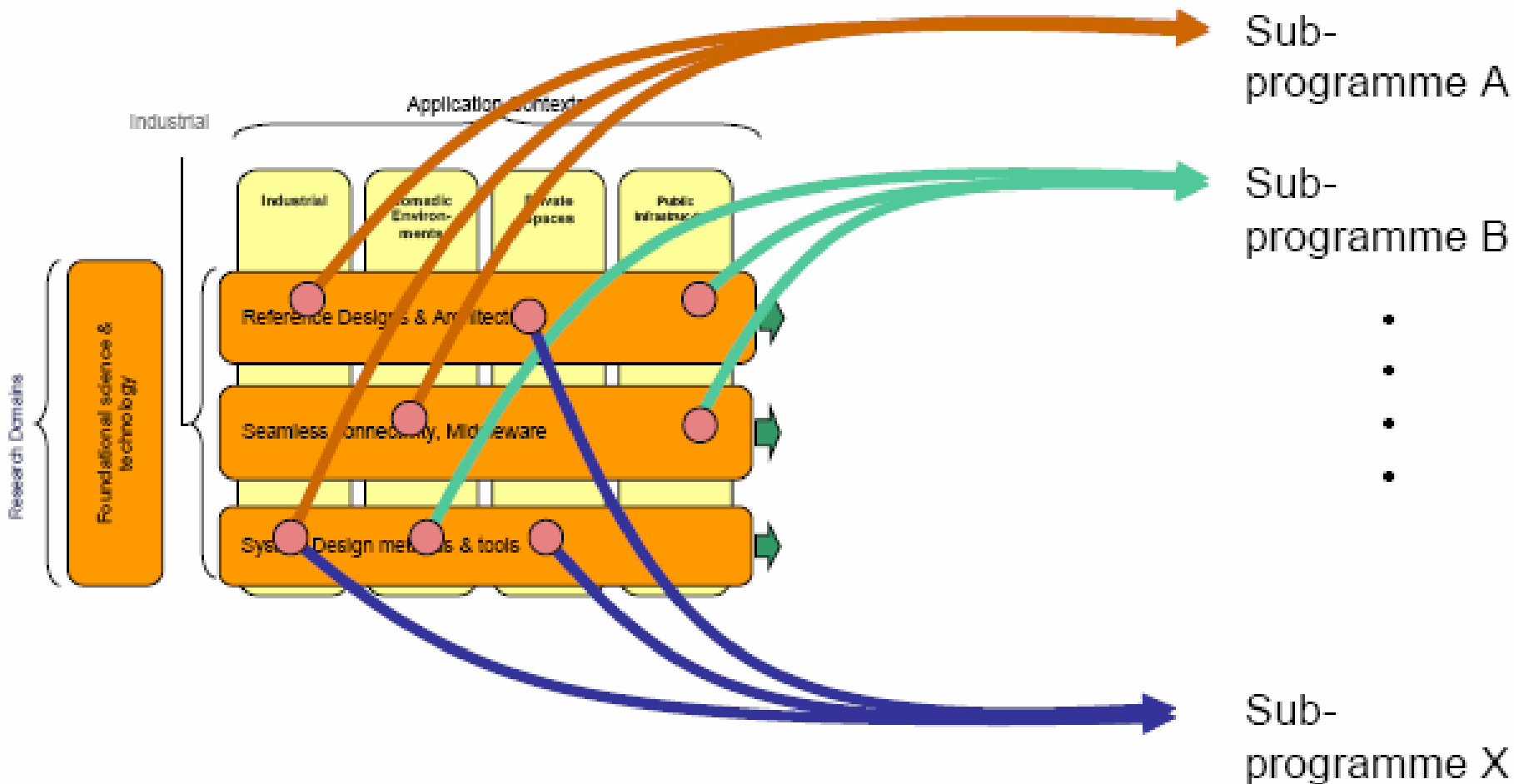## (Annual call preparation cycle)

Call 1

Call 2

ARTEMIS SRA, Sub-programmes and the JU Documents

Finalised proposal to JU

RA, MASP, **AIP**: ARTEMISIA members discuss with PAs

ARTEMIS SRA, Sub-programmes and the JU Documents

Updated proposal to JU **For AIP 2008**

(+fine-tuning RA/MASP)

1st Call

| July | Sept | Dec | Mar | July | Sept | Dec |

Aug

Summer Camps

Expert Group feedback / analysis under guidance of WG SRA

Summer Camp

2007

2008

2009

Sub-programmes
(as defined after focal points meeting 16/10/2007)

1. **Methods and Processes for Safety-enabling Embedded Systems** [EICOSE Cluster]

2. **Person-Centric Health Management** [Philips]

3. **Smart Environments and Scalable Digital Services** [Nokia]

4. **Embedded systems for sustainable urban environments** [ESI]

5. **Efficient Manufacturing and Logistics** [ABB]

6. **Computing Environments for Embedded Systems** [CEA, IMEC]

7. **Information Security, Privacy and Dependability** [Finmeccanica, Ellenic Aerospace]

8. **Human Centred Design of Embedded Systems** [Thales]