WHY ARTEMIS?

Luca D’Onofrio, Automotive SW Engineer at Intecs s.p.a.

“It’s a huge benefit to have in managing all the phases of the lifecycle of software in embedded systems in many application domains for more than 30 years, and we made a conscious commitment to the value of working retroactively and now in each of these phases. For this reason we joined the ARTEMIS as an industry member, interesting our partners with European industry and research leaders, by means of the ARTEMIS Joint Undertaking, being active player in the market ecosystem of embedded systems.”

ARTEMIS in general

The story of ARTEMIS started in 1994 with the initiative for a European Technology Platform (ETP) on Embedded Systems called ARTEMIS: Advanced Research & Technology for the Embedded Intelligence & Systems. It was an initiative of the European Commission, industry and Member States to develop and drive a joint European vision and strategy on Embedded Systems. The goal is to create and keep jobs in Europe through products and related services and through design and manufacturing excellence. It is important to maintain a strong embedded systems technological capability by overcoming fragmentation.

The world faces increasing challenges in making industries, transport, healthcare, secure and sustainable. Innovations in Embedded Systems are key to providing solutions to these growing societal issues. Europe can address these challenges by using its advanced and embedded systems Research and Development resources in industry and research institutes if coordinated well and funded adequately. A global view of the world EMBEDDED SYSTEMS is a crucial KEY DRIVING TECHNOLOGY for Europe’s industrial and societal future. ARTEMIS takes the lead

ARTEMIS, through its Industry Association with more than 300 members, takes the lead on the Embedded Systems scene with its pan-European Strategic Research Agenda 2011 and, for its Joint Undertaking with Call 2008, Call 2009, Call 2010, Call 2011 and Call 2012 as well. ARTEMIS will fund a total of more than 250 projects for which we are funded by private and public project consortia, the 23 ARTEMIS Member States and the European Commission.

The ARTEMIS Joint Undertaking (JU) is a legal entity under European Union law established by and governed according to the rules laid down in Title V of the Tenth Framework Programme for Research and Technological Development and demos the benefits of European Embedded Systems research and development, specifically in the following areas:

- Embedded Intelligence & Systems
- Advanced Research & Technology
- Market Ecosystem
- Industry Association
- Strategic Research Agenda
- Joint Undertaking

ARTEMIS takes the lead

ARTEMIS, through its Industry Association with more than 300 members, takes the lead on the Embedded Systems scene with its pan-European Strategic Research Agenda 2011 and, for its Joint Undertaking with Call 2008, Call 2009, Call 2010, Call 2011 and Call 2012 as well. ARTEMIS will fund a total of more than 250 projects for which we are funded by private and public project consortia, the 23 ARTEMIS Member States and the European Commission.

The ARTEMIS Joint Undertaking (JU) is a legal entity under European Union law established by and governed according to the rules laid down in Title V of the Tenth Framework Programme for Research and Technological Development and demos the benefits of European Embedded Systems research and development, specifically in the following areas:

- Embedded Intelligence & Systems 
- Advanced Research & Technology
- Market Ecosystem
- Industry Association
- Strategic Research Agenda
- Joint Undertaking

The ARTEMIS Joint Undertaking (JU) is a legal entity under European Union law established by and governed according to the rules laid down in Title V of the Tenth Framework Programme for Research and Technological Development and demos the benefits of European Embedded Systems research and development, specifically in the following areas:

- Embedded Intelligence & Systems
- Advanced Research & Technology
- Market Ecosystem
- Industry Association
- Strategic Research Agenda
- Joint Undertaking

The ARTEMIS Joint Undertaking (JU) is a legal entity under European Union law established by and governed according to the rules laid down in Title V of the Tenth Framework Programme for Research and Technological Development and demos the benefits of European Embedded Systems research and development, specifically in the following areas:

- Embedded Intelligence & Systems
- Advanced Research & Technology
- Market Ecosystem
- Industry Association
- Strategic Research Agenda
- Joint Undertaking

The ARTEMIS Joint Undertaking (JU) is a legal entity under European Union law established by and governed according to the rules laid down in Title V of the Tenth Framework Programme for Research and Technological Development and demos the benefits of European Embedded Systems research and development, specifically in the following areas:

- Embedded Intelligence & Systems
- Advanced Research & Technology
- Market Ecosystem
- Industry Association
- Strategic Research Agenda
- Joint Undertaking
ARTEMIS Industry Association

ARTEMIS Industry Association is the association for Embedded Systems actors in Europe. It represents an industrial research and development community including industry, universities, and research institutes.

ARTEMIS Joint Undertaking

NTS industry Association sets to: 1. create the networking platform where one can identify topics for major R&D projects that one want to pursue together, form consortia and estimate the cost, benefits and risks of taking part; 2. manage the activity of the ARTEMIS European Technology Platform and therefore from the ARTEMIS Strategic Research Agenda for Europe, referred to by many European research organizations; 3. give a voice to the interests of all our members, ARTEMIS Joint Undertaking.

ARTEMIS Industry Association is a membership organization of more than 200 members and associate organizations from all over Europe. The multidisciplinary nature of the membership provides an excellent network for the exchange of technology ideas, cross-fertilization and radical innovation initiatives.

Industry in the driving seat of innovation

The ARTEMIS Industry Association is responsible for the preparation of the ARTEMIS Multi-Artial Strategic Plan, associated Research Agenda and the Annual Work Programme that define the strategy and technical content for the call for project proposals. A strong European Embedded Systems strategy, defined and driven by a unified industrial forum, is necessary to convince public authorities and the European Commission to support economically crucial R&D programmes.

ARTEMIS is such a programme, and the ARTEMIS Industry Association is the body that represents and continuously promotes the R&D interests of its members at the European Commission and the Public Authorities of the Member States.

Benefits of membership

Apart from the opportunity to shape the right R&D environment for Embedded Systems in Europe, the ARTEMIS Industry Association offers you a powerful network to build partnerships with other participants in ARTEMIS projects. Consortium building is backed up on-line with the Partnering Project Idea Tool and first-hand information, giving members a considerable advantage when submitting proposals for competitive selection. Next to the members have a voice in the ARTEMIS Joint Undertaking. Membership is a way in Brussels to help shape the future of Embedded Systems in Europe.

Members of ARTEMIS Industry Association shape their innovation ecosystem, they define the Embedded Systems R&D strategy for Europe and give input for the annual Work Programme for the ARTEMIS innovation programme.

ARTEMIS Industry Association wants to: 1. create the networking platform where one can identify topics for major R&D projects that one want to pursue together, form consortia and estimate the cost, benefits and risks of taking part; 2. manage the activity of the ARTEMIS European Technology Platform and therefore from the ARTEMIS Strategic Research Agenda for Europe, referred to by many European research organizations; 3. give a voice to the interests of all our members, ARTEMIS Joint Undertaking.

ARTEMIS Joint Undertaking

In recognition of the strategic importance of Embedded Systems, the European Union launched the ARTEMIS Joint Undertaking in 2008 in the Public Private Partnership between:

- The European Commission;
- 23 ARTEMIS Member States: Austria, Bulgaria, the Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Ireland, Italy, Latvia, Lithuania, Luxembourg, Norway, Poland, Portugal, Romania, Slovenia, Spain, Sweden, Turkey, the United Kingdom;
- ARTEMIS Industry Association (200+ members);
- ARTEMIS Class Association;
- ARTEMIS Class Industry Association; ARTEMIS 23 ARTEMIS Member States: Austria, Bulgaria, the Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Ireland, Italy, Latvia, Lithuania, Luxembourg, Norway, Poland, Portugal, Romania, Slovenia, Spain, Sweden, Turkey, the United Kingdom.

ARTEMIS Joint Undertaking is the Public Private Partnership that aims to:

- Promote the development, support and deployment of Embedded Systems in Europe;
- Foster the creation of a strategic cluster of European Embedded Systems research, development and commercialization;
- Provide a networking platform for the integration of all stakeholders in Embedded Systems;
- Provide a network of companies and organizations to support the development, demonstration and market roll-out of Embedded Systems;
- Focuses on downstream research: converting technological developments to close-to-market products and services.

ARTEMIS Joint Undertaking is the Public Private Partnership that aims to:

- Promote the development, support and deployment of Embedded Systems in Europe;
- Foster the creation of a strategic cluster of European Embedded Systems research, development and commercialization;
- Provide a networking platform for the integration of all stakeholders in Embedded Systems;
- Provide a network of companies and organizations to support the development, demonstration and market roll-out of Embedded Systems;
- Focuses on downstream research: converting technological developments to close-to-market products and services.

ARTEMIS Joint Undertaking is the Public Private Partnership that aims to:

- Promote the development, support and deployment of Embedded Systems in Europe;
- Foster the creation of a strategic cluster of European Embedded Systems research, development and commercialization;
- Provide a networking platform for the integration of all stakeholders in Embedded Systems;
- Provide a network of companies and organizations to support the development, demonstration and market roll-out of Embedded Systems;
- Focuses on downstream research: converting technological developments to close-to-market products and services.

ARTEMIS Joint Undertaking is the Public Private Partnership that aims to:

- Promote the development, support and deployment of Embedded Systems in Europe;
- Foster the creation of a strategic cluster of European Embedded Systems research, development and commercialization;
- Provide a networking platform for the integration of all stakeholders in Embedded Systems;
- Provide a network of companies and organizations to support the development, demonstration and market roll-out of Embedded Systems;
- Focuses on downstream research: converting technological developments to close-to-market products and services.

ARTEMIS Joint Undertaking is the Public Private Partnership that aims to:

- Promote the development, support and deployment of Embedded Systems in Europe;
- Foster the creation of a strategic cluster of European Embedded Systems research, development and commercialization;
- Provide a networking platform for the integration of all stakeholders in Embedded Systems;
- Provide a network of companies and organizations to support the development, demonstration and market roll-out of Embedded Systems;
- Focuses on downstream research: converting technological developments to close-to-market products and services.

ARTEMIS Joint Undertaking is the Public Private Partnership that aims to:

- Promote the development, support and deployment of Embedded Systems in Europe;
- Foster the creation of a strategic cluster of European Embedded Systems research, development and commercialization;
- Provide a networking platform for the integration of all stakeholders in Embedded Systems;
- Provide a network of companies and organizations to support the development, demonstration and market roll-out of Embedded Systems;
- Focuses on downstream research: converting technological developments to close-to-market products and services.

In recognition of the strategic importance of Embedded Systems, the European Union launched the ARTEMIS Joint Undertaking in 2008 in the Public Private Partnership between:

- The European Commission;
- 23 ARTEMIS Member States: Austria, Bulgaria, the Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Ireland, Italy, Latvia, Lithuania, Luxembourg, Norway, Poland, Portugal, Romania, Slovenia, Spain, Sweden, Turkey, the United Kingdom;