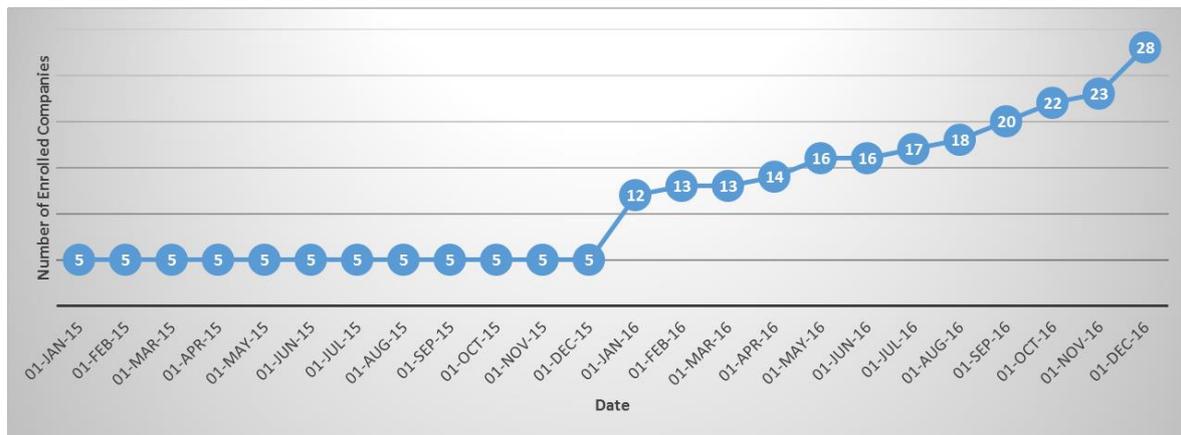


## Activities & Achievements 2016

This document outlines the main activities and achievements of SPRINT Robotics in its 2<sup>nd</sup> year since its inception: 2016.

### 1. Organizational Growth

The organization experienced exceptional growth in 2016. Having been restricted to only end users in 2015, SPRINT Robotics was opened to other members of the value chain in 2016. The organization had a total number of 28 enrolled companies by the end of the year (7 end user Participants, 21 Associate Participants).



### Regional Chapters

The growth of the organization led to the creation of its first regional chapter, SPRINT Robotics North America (SRNA), in April 2016. SRNA is coordinated by Eric Sjerne, CTO of IRISNDT. The group maintained monthly conference calls to track activities and progress, and other main activities included:

- The updating of all SPRINT Robotics marketing materials
- Preparing an abstract for presentation of papers at conferences
- Cataloging facilities that are available for robotic testing and demonstration in North America
- Creating an overview of funding opportunities in North America.

SPRINT Robotics Europe (SREU) was launched in December 2016 and is coordinated by Ekkehard Zwicker, CEO of GE Inspection Robotics.

## 2. Public Events

Two public seminars were successfully organized in 2016.



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- Turnout: 200 delegates representing 90 different companies.
- Exhibition with 21 exhibitors



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- Turnout: 200 delegates representing 106 different companies.
- Exhibition with 16 exhibitors

Both events were extremely well received and have led to a significant upswing in interest for SPRINT Robotics.

### 3. Fostering and Facilitating Joint Industry Projects

SPRINT Robotics continuously helped the industry identify synergies and facilitated the translation of ideas to accelerate implementation of Inspection & Maintenance Robotics into actionable individual or joint industry initiatives. A series of workshops was organized in January 2016 to identify and define potential projects. The workshops resulted in 2 project proposals which were submitted for funding from the European H2020 program.

### 4. Technology Demonstrations

By increasing exposure, awareness and creating confidence in robotics technologies the commercialization and deployment of these technologies could be accelerated. SPRINT Robotics facilitated opportunities whereby its participating companies can demonstrate their solutions to its asset owners and operators in realistic environments. Two demonstration weeks were organized, in August and November, where a number of technologies were demonstrated. Both these demonstration weeks took place at the Texas A&M Disaster City Testing Facility.



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Demonstrators included GE Inspection Robotics, IRISNDT, MISTRAS Group, Quasset, OC Robotics and Cybernetix.

### 5. Strategic Roadmap

SPRINT Robotics initiated its Strategic Roadmap on Inspection & Maintenance Robotics with reference to the (petro)chemical industry. Two workshops were organized in September and December to address the first 2 of its 4 main focus areas, namely aboveground storage tanks and pressure vessels. The 2 remaining themes, piping and remote operation, are to be addressed early in 2017 with the aim of publishing the first version of the Strategic Roadmap in April 2017.



### 6. Online Knowledge Base

SPRINT Robotics established an online knowledge base of known solutions, companies and testing facilities which are of interest and applicable to Inspection & Maintenance Robotics. The database has grown and contains more than 195, 45 and 20 solutions, companies and testing facilities respectively.

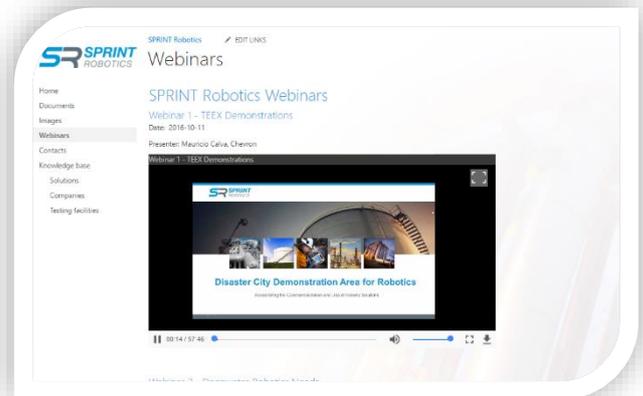
## 7. Participant Meetings

Four Participant meetings were organized in 2016:

Date	Location	Host
19-01	Amsterdam, The Netherlands	Shell
20-06	London, UK	Chevron
08-09	London, UK	Chevron
15-12	Haugesund, Norway	Gassco

## 8. Webinars

SPRINT Robotics started organizing webinars, giving its Participants and Associate Participants the opportunity to share information, knowledge, needs, etc. with the SPRINT Robotics community on a regular basis. The webinars are recorded and made available to SPRINT Robotics participating companies. The first webinar was presented on October 11<sup>th</sup>.



## About us

The SPRINT Robotics Collaborative is a global not-for-profit-foundation, driven by asset owners and operators, to promote the development, availability, application and commercialization of robotic technology for inspection and maintenance of capital intensive infrastructure.