CELTIC AI Proposers Webinar
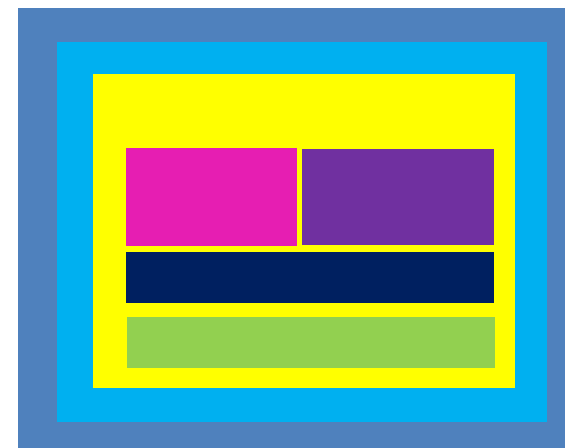
31st March 2020, 14:00 – 17:00 CET

Pitch of the Project Proposal
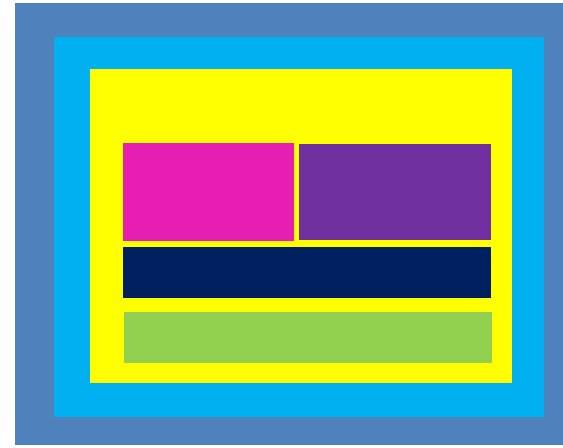
ALIENTT
- A Learning Intelligent Enabled Network TEST and TRACE

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ALIENTT Teaser

Main Benefit

AI/ML enabling (cloud) network architecture with test and trace to support transition to data centric approaches and achieve automatic test, trace and fault support for improved reliability & performance, resulting in cheaper maintenance through better troubleshooting

Why should I Participate?

We look for collaborative and responsible industries and researchers capable in this area

Added Value

- Explainability of Data
- Faster Debugging & Fault Localization
- More Robust Systems
- Less Cost of Quality Assurance
- Noise & Fault reduction
- Sustainable Automation
- Improved Reliability
- Better Orchestration & Observability

Ericsson at a glance

Enabling the full value of connectivity
for service providers and industries

Business areas:

Networks

Digital services

Managed services

Technologies and new
businesses (R&D)

By the numbers:

180+ countries

227,2 b. SEK in sales

99,417 employees

54,000 patents

Image: Ericsson headquarters, Kista, Sweden

Full year 2019 figures

ALIENTT
Introduction

- Addresses AI- Enabled Fault Localization in the Cloud, with focus on:
   - Setting up a distributed TRACE Model and AI Enabled Architecture
   - Collect data from different log types, and utilize learning methods to identify
     anomalies and aid in fault-localization, debugging and improved orchestration
     and observability
   - Improve Test (Verification) with AI-enabled technology
-Improve Robustness, Reliability and Performance
-Create better Orchestration and Operations, through AI- supported decisions
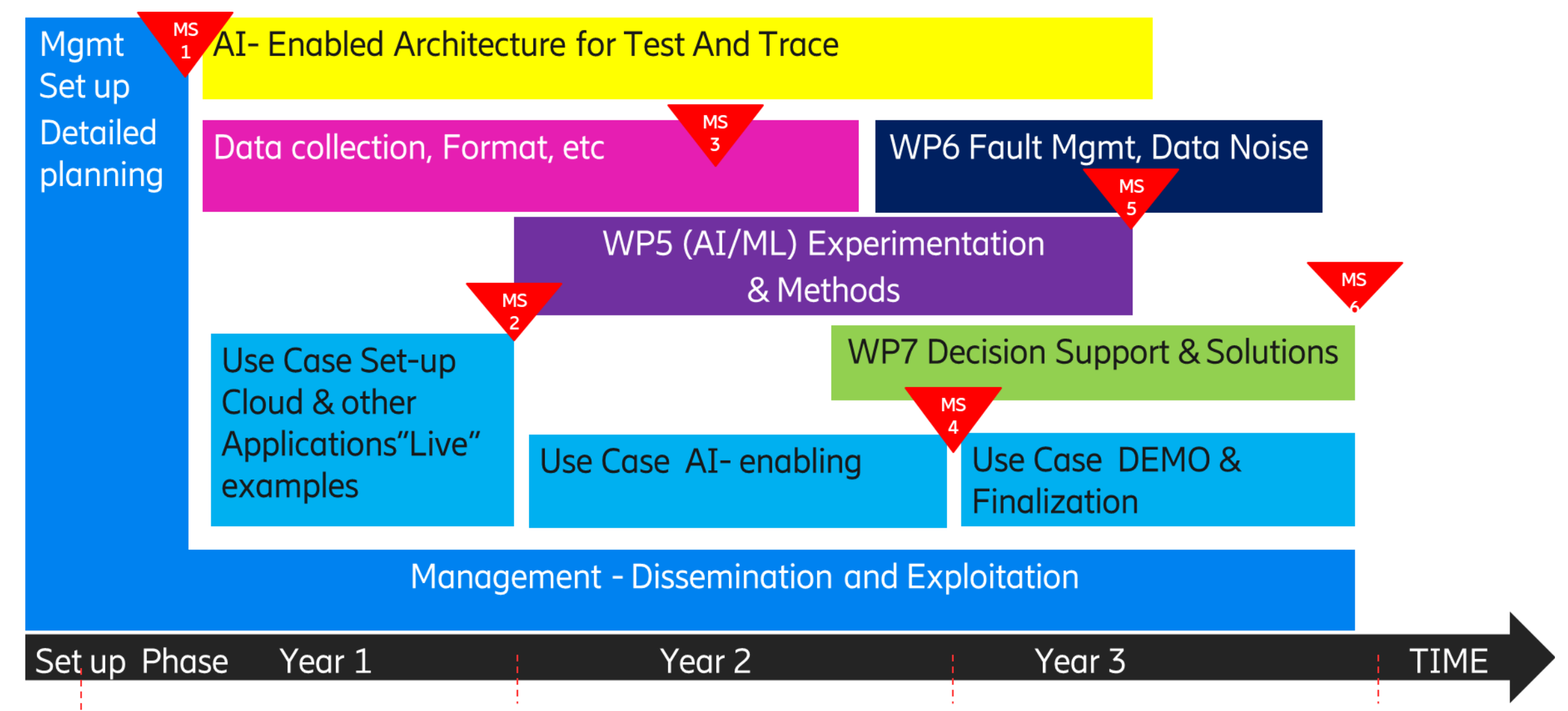
ALIENTT
Introduction

Expected Outcome:
AI-enabled architecture, test and trace that aids fault localization, orchestration and maintenance management in the Telco Networks

Impacts:
Aim to save costs in complex debugging and maintenance Networks

Preliminary Structure and Schedule

Partners

Sweden: Ericsson AB, KTH ++: Looking for SME's
We have started to invite people.

Looking for 1-2 more European Country Partner:
1) Operators or Industries with similar issues and interest with successful track
record in research & innovation
2) Researchers with interest in these areas willing to build a consortium in their
country

ALIENTT, Sigrid Eldh, ERICSSON AB & sigrid.eldh@ericsson.com

Contact Info

For more information and interest to participate please contact:

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