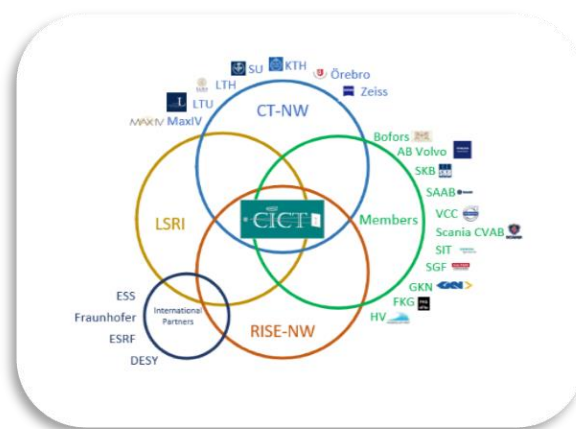


February 2021

Greetings

Thank you for your continued interest in CICT. Our vision is to create a national Centre for cooperation within the CT area in Sweden. Our overriding aim of CICT is to establish a portal to match and to facilitate accessibility to the right CT tool for the intended purpose. To do this CICT industrial members set an industrial direction and agenda for RISE to coordinate within the CT network. All to contribute to a simplified process for academy and industry to be able to perform CT analysis, regardless if it is quick and simple or subject for larger research facilities (LSRI).



CICT identified an industrial need to scan larger components (~1.5m³) within Scandinavia. Consequently, CICT would like to build a test bed at RISE Borås to be able to supply this service. This location allows industry to come and take part of the analysis. RISE would also like to supply all the necessary competence for the scanning process, through dedicated CT staff and through our application specialists. CICT is also linked to the Swedish National Metrology Institute (NMI), present within RISE, which ensures the traceability of the measurement to secure the geometrical characterization of the scanning. Today, RISE are unique in Sweden when it comes to contributing with the right application knowledge in analysing CT scanning results, propose the right measures, alternative methods and/or research projects when required in collaboration with industry. Another important activity with industry, is to organize seminars and educations to further develop the competence within the CT are in the country.

An important condition for CICT, is to have an industrial direction in the centre though and here we would like Swedish Industry to join forces in setting this direction through memberships in the centre as well as participation in the steering committee. During spring 2021 we will set the foundation on how to actualize this.

Ongoing

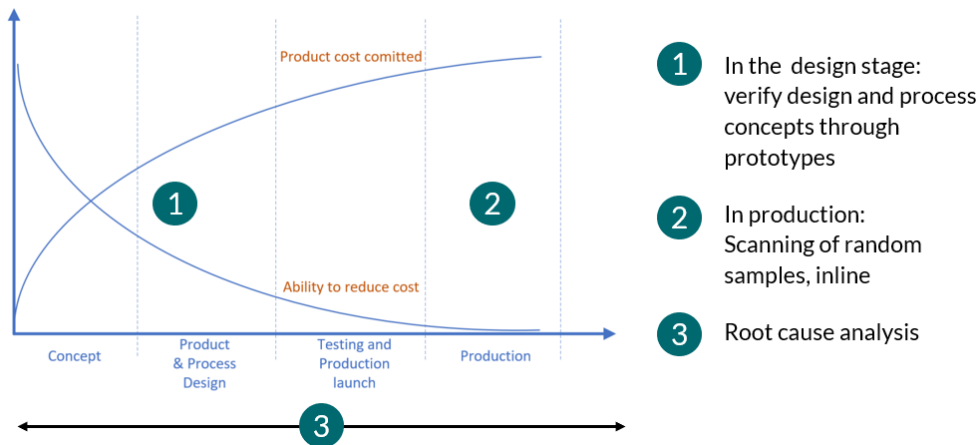
During spring we are closing memberships with industry to be able to move forward with the investment. If you are interested in our membership model or want us to come to your company for a more detailed discussion on how you can join the cooperation please send us on email, contacts below.

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Application of CT



Examples

- Light weight structures with multi and mixed materials including advanced joining concepts
- Cast components with advanced geometries and concepts like megacasting
- Electromobility/new drive line concepts: Batteries, electrical motor windings, mass optimized structures, electrical components, fuel cells etc
- Validation of novel materials and/or advanced engineering concepts
- Realization of innovative AM-components and processes
- Visualisation of complete assemblies
- Reverse engineering of replacement parts without accessible drawings

Seminars

Digital Seminar on Computed Tomography, 26 November 2020

In the end of November we finally conducted a digital seminar due to Covid-19. The agenda included a mix of presentations from academy, RISE, and industry as well as a glimpse of the software possibilities for analysis. The seminar was very much appreciated.

Digital Seminar on Computed Tomography, 22 April 2021

In April we are planning for a new seminar with a similar setup as in November. Look out for the invitation.

Time plan 2021

February 1	Membership application round start
April 22	Digital seminar on Computed Tomography
May 28	Investment Committee RISE
September 1	Official Project Start

News

May 5-6 Geometry and Quality Cluster session in the Swedish Manufacturing R&D Cluster conference Sustainable Manufacturing – Impact on the green value chain, On-line



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