

SUCCESS STORY ININDUSTRIAL DOMAIN X

COMPANY XY

Voxo AB

THE PROBLEM

Use ML to develop Swedish-language speech-synthesis model which will be a key component of a conversational assistant capable of providing information in real time in response to spoken natural-language questions. It will generate audio streams quickly, so that users will be comfortable with natural conversation flow.

SUCCESS STORY DETAILS

HPC provider: Jülich Supercomputing Centre
Domain Expert: Mark Abraham
Country: Sweden

<https://enccs.se/news/2021/03/voxo-ab-enccs-shape-allocation/>

THE HPC PROBLEM DOMAIN

Natural language processing. Extracting, analysing, and visualising voice data

THE SOLUTION

ENCCS helped Voxo acquire a SHAPE award for GPU computing hours on the JUWELS Booster cluster.

THE BENEFITS

Success in this project will mean that planned products such as Voxo's conversational agent for personal banking can be brought to the Swedish market. This will make personal banking much more accessible, by removing requirements like visiting a bank branch, or having and being able to use a computer or mobile computing device.