



# THE SPACE INDUSTRY OF TOMORROW

## A current state analysis of a customer oriented production facility

### Method

A structured approach was selected as a guide for the work performed in this project. The aim was to provide prerequisites to find a balance between the development of the product and the production system. The main areas of this approach include market and company factors on a strategic level, product concept and supply chain, production engineering and development as well as production organization (1).

Key persons within different levels of the organization have been interviewed, based on the main areas of the approach, to establish a description of the current state and findings presented in the following sections. As part of this description, there is a flow chart of the physical transports of materials and goods, on a general level.



### References

- (1) Bellgran, M. & Säfsten, K. (2005) *Produktionsutveckling Utveckling och drift av produktionsystem*, Lund: Studentlitteratur, pp. 236-237
- (2) Hanson, W.A. (2016) *In Their Own Words: OneWeb's Internet Constellation as Described in Their FCC Form 312 Application*, NEW SPACE, vol. 4, no. 3, September, pp. 153-167



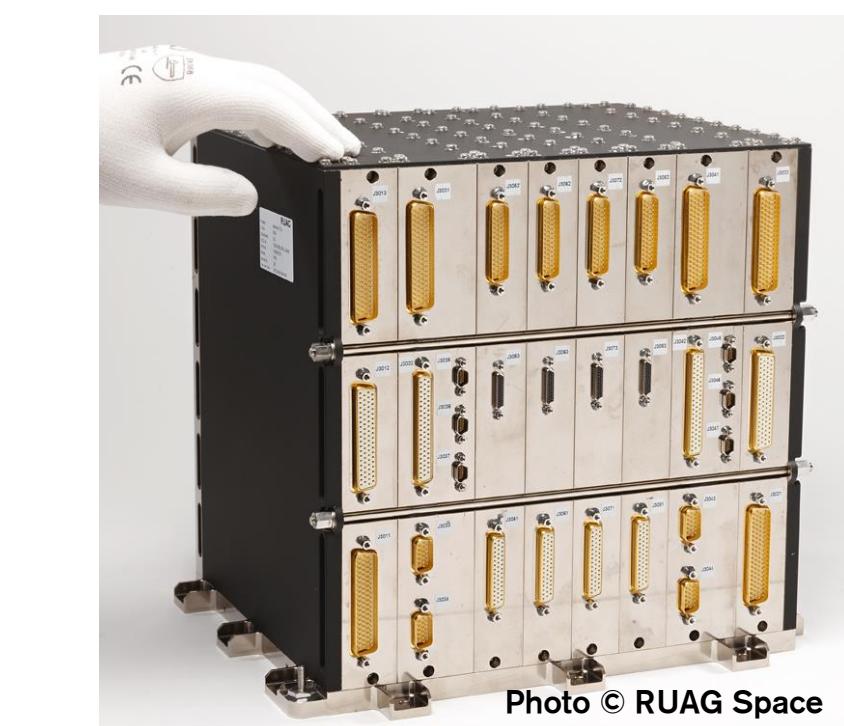
Maja Bärring, PhD Student  
[maja.barring@chalmers.se](mailto:maja.barring@chalmers.se)  
+46 (0) 723 50 93 41

### Market and company factors

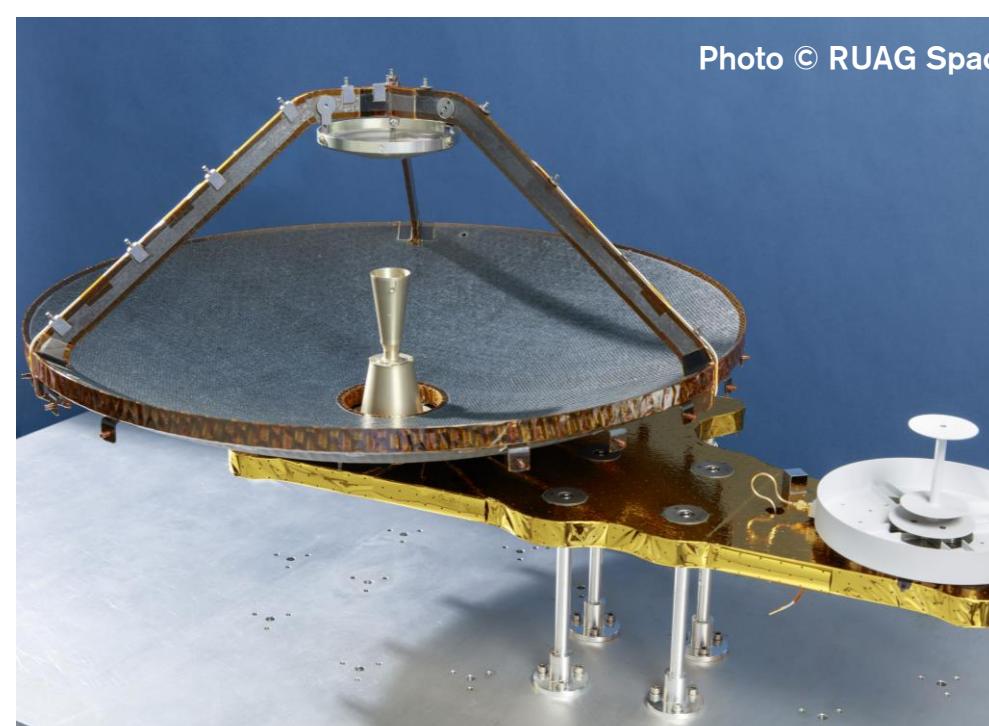
#### Internet connectivity to anyone, anywhere

Access to information regardless of location is becoming increasingly important. Internet has had a major impact on the modern society, but there are still substantial parts of the globe that lack connectivity to internet. One solution, for worldwide connectivity, is covering the earth with hundreds or even possibly thousands of satellites (2). The RUAG Space Group is a contender on this emerging market, aspiring to take a leading role.

Computer System



Antenna



Microwave Electronics

