



THE NATIONAL AERIAL PHOTO IMAGERY PROGRAM

Lantmäteriet 2019-09-02

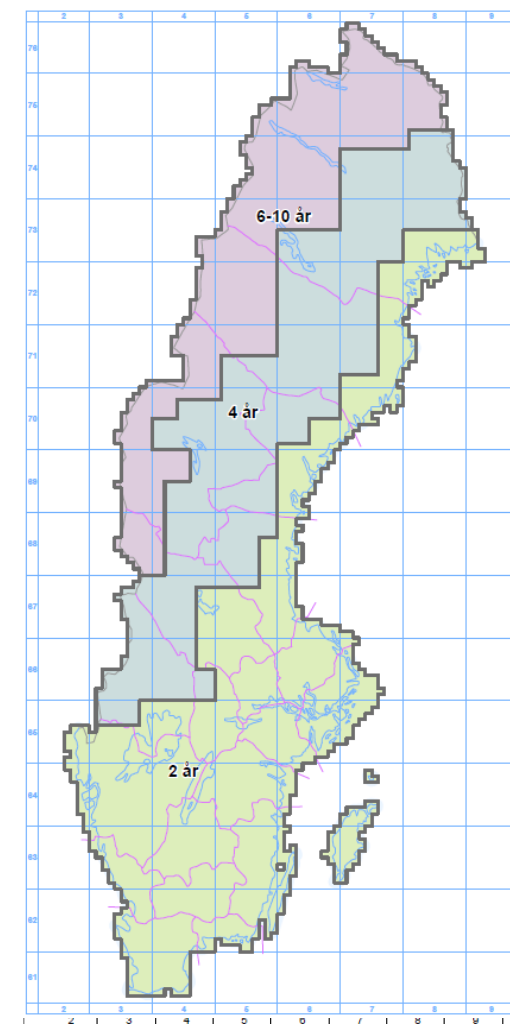
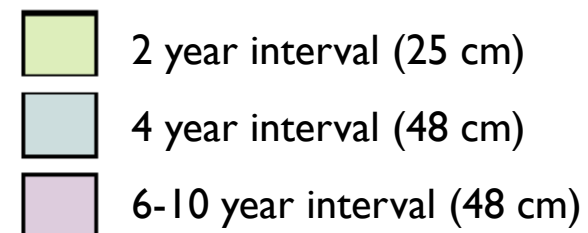
Anders Sandin

NATIONAL IMAGERY PROGRAM BACKGROUND

Why a national program?

- To cover important needs for current imagery in society
- Resolution and interval continuously adapted to user and society needs so the information can be used in new business areas and processes.

With this longterm plan we create yearly production plans .



NATIONAL IMAGERY PROGRAM

FACTS OF PRODUCTION

Figures

- We have coverage 168 days with one airplane and 90 days with another airplane during april - september.
- We use an external contractor for the coverage of the second airplane
- We cover about 150 000 km² of Sweden and it takes aproximatly 300 flight hours.
- Two cameras from same manufacturer and model is used to create flexibility in the production.
- Production starts in the south and continues to the north as the weather condition allows.



NATIONAL IMAGERY PROGRAM 2018

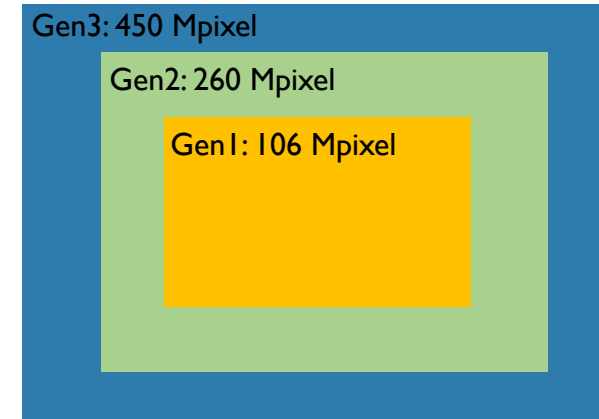
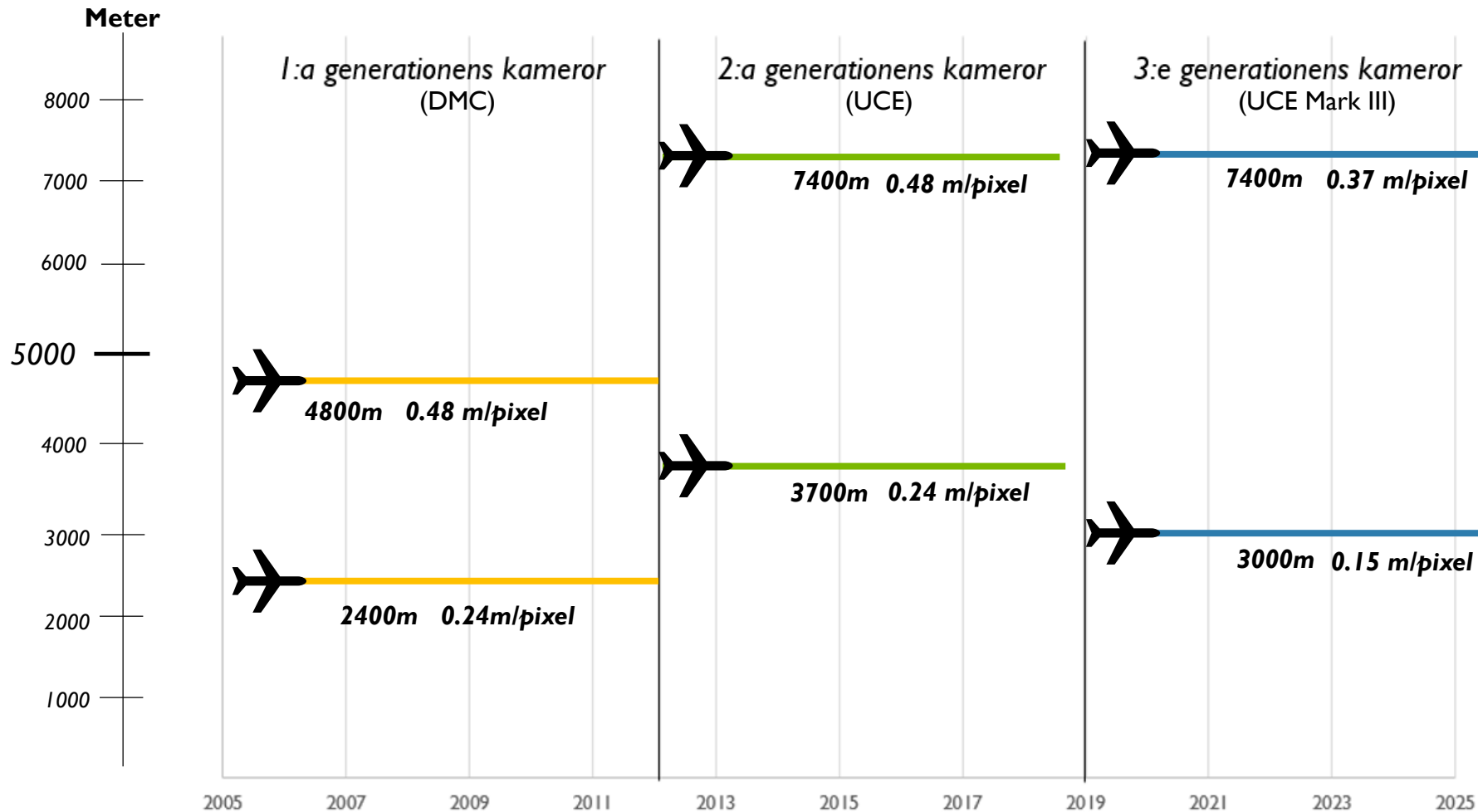
- Before the 2018 season we needed a new procurement for the external contractor
- We received only one tender and that company was assigned with the contract
- External contractor for second airplane with camera and operators quit one week before start of production
- We rented one more airplane, rented a camera and used our own personnel to handle 2018 production
- Fortunately we had very good weather and ended with a record season

NATIONAL IMAGERY PROGRAM 2019

- Due to the experiences with the last procurement we made a decision to only lease airplanes and camera and handle the rest of the production inhouse for the coming seasons
- At the same time we upgraded our cameras

NATIONAL IMAGERY PROGRAM

CHANGES TO 2019 – NEW FLIGHT ALTITUDE AND RESOLUTIONS

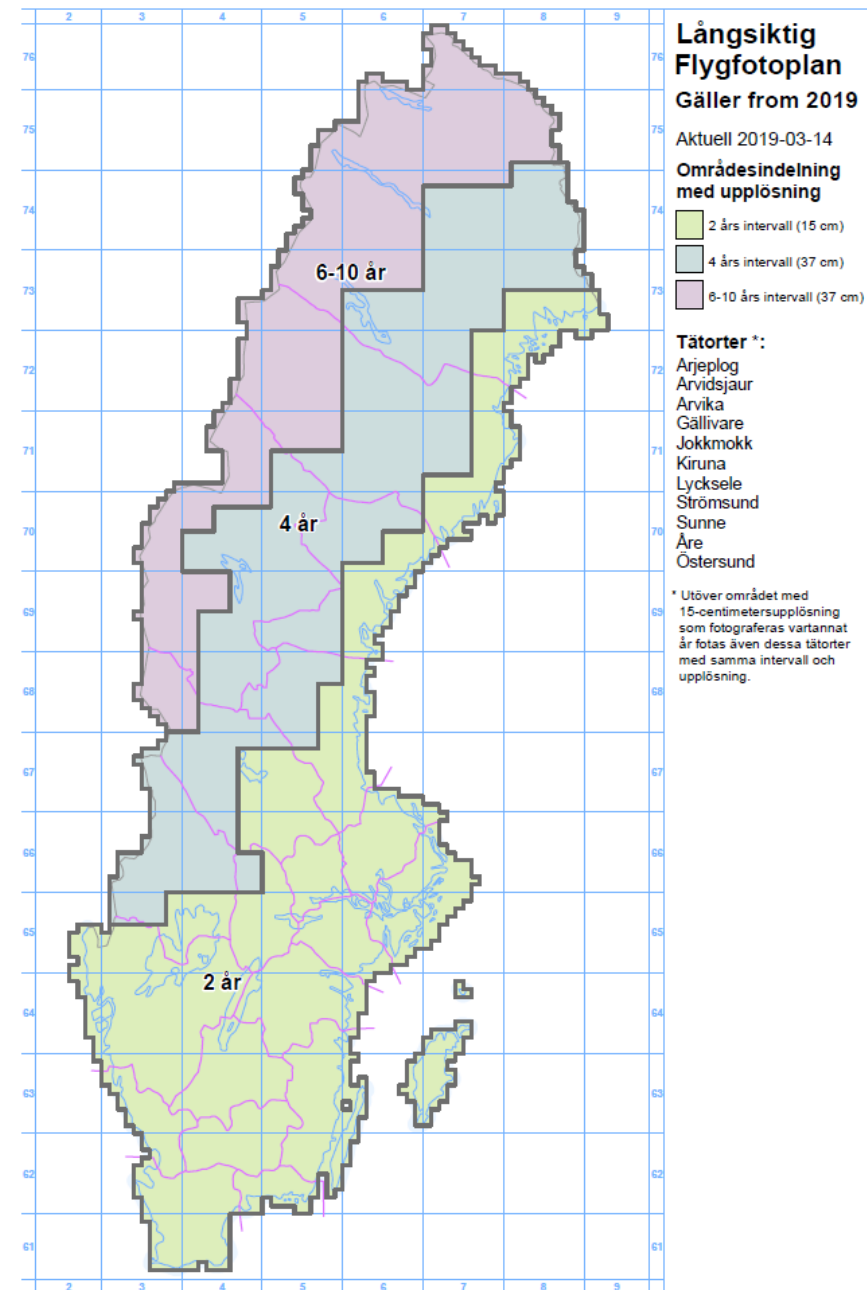


- DMC
- UCE Mark I
- UCE Mark III

NATIONAL IMAGERY PROGRAM

CHANGES TO 2019 – LONGTERM PLAN

	Resolution 2018	Resolution 2019
2 year cycles	24cm	15cm
4 year cycles	48cm	37cm
6-10 year cycles	48cm	37cm



CHALLENGES

- Can we find ways to cooperate between the nordic countrys in aerial data acquisition?
- How do you work to attract external contractors in this business area?
- How do you see the future for imagery from aircrafts compared to satellites and drones?