

## Digitisation for EU Agriculture and rural areas

A simplified and modernized CAP

A CAP declaration made easy using satellite data for identifying the changes in the biomass

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## Using space technologies to make CAP declarations and controls easier

- EU program COPERNICUS established together with EU Space Agency
  every country gets free satellite data;
- 2011 Estonia established a IT system SATIKAS to use the available satellite data;
- As in Estonia the weather is cloudy 70% of the time since May to October, there is a big advantage to use radar satellites which can see what happens on our fields and grasslands through clouds.



## Using space technologies to make CAP declarations and controls easier

- Program allows to identify mowing and grazing via changes in the biomass in time;
- Goal is to move from 5% on field controls to monitoring based controls;
- Farmers bureaucratic load decreases as less time consuming controls on the spot;
- The number of scammers decreases and real farmers have the possibility of higher payments;
- The program is still in development for farmers who are grazing their grasslands.













## Conclusion

- Time is the most valuable resource what we have. As an Estonian farmer I appreciate highly the possibility of making my area payment application online and keeping all the conversation with state online – no paper work at all, being in whichever place in the world where we have internet connection or mobile data, authenticate myself with mobile ID, Smart ID or ID card.
- As a farmer myself I appreciate the activities what we do to decrease the time consuming on the spot controls and monitor our activities 100% from the space.
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