

# Act on Space Activities

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Ministry of Economic Affairs  
and Employment of Finland

# Why?



- **The first Finnish satellites made Finland a space-faring nation – and a launching state**
- **Finland is a party to the UN space treaties**
  - must authorize and supervise national space activities
  - is responsible for national space activities and internationally liable for damages
- **Objective: a predictable and legally transparent environment for national space activities**
  - competitiveness of the sector
- **Positive approach: no need to restrict space activities if the safety and quality of the activities can be ensured**
  - Flexibility, low bureaucracy, active discussion with the operators



**What does this mean to an operator?**

# Apply for authorization



**Space activities in Finland or by a Finnish operator are subject to authorization by the Ministry of Economic Affairs and Employment**

- **Apply 6 months before launch BUT do contact the Ministry already in advance for discussion**
- **In the application describe:**
  - Technical details of the activity and the resources of the operator
  - Assessment of the risks of the activity in all phases (from launch to orbit) and in all places (Earth, airspace, outer space)
  - Purpose of the space activity, incl. use of data
  - Measures to avoid space debris
  - ITU-licences, export control licences

# Note the liability rules and get an insurance if required



The operator is liable for damages caused by its space object = state's right of recourse

## THIRD PARTY LIABILITY INSURANCE REQUIRED :

- **Always for the launch (until the space object reaches its orbit)**
  - Either by the launch provider (as usually the case) or by the operator itself
- **On orbit if**
  - The risk for collision with other space object is  $> 1/1000$
- **After orbit if**
  - The probability for the returning space object reaching the Earth is  $> 1 / 10\ 000$



# Obey other obligations

- **Avoid space debris**
- **Ensure the safety of your space activities**
- **Register your space object in national and UN register**
- **Apply for an authorization before transferring space activities to another operator**
- **Inform the Ministry of relevant changes to the space activities**
- **Report annually to the Ministry of the status of the space activities**
- **Do not remove a fallen space object without permission!**

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**THANK YOU!**