



# Peatland Research Station in the Centre of West Siberia



**MFS** is relative small station in Khanty-Mansi Autonomous Area in the Centre of West Siberia.

- **MFS** is owned and run by the Research Education Centre “EDGCC” (UNESCO Chair) of Yugra State University;
- Established in 2009;
- Total number of **MFS** staff – **6** people:
  - 1 – administrative
  - 4 – researchers
  - 1 – engineer

In addition, **2** university technicians are responsible for safety and technical support





# MFS comprises **three** main parts:

- 1 – Experimental field area of MFS**  
(30 km to southeast from Khanty-Mansiysk) on the border of a huge peatland,
- 2 – Analytic Labs**  
at the University campus
- 3 – Lab-Education Centre** in the village **Shapsha**  
(25 km to the north-east from the city)



**Experimental area of MFS is accessible all year round**

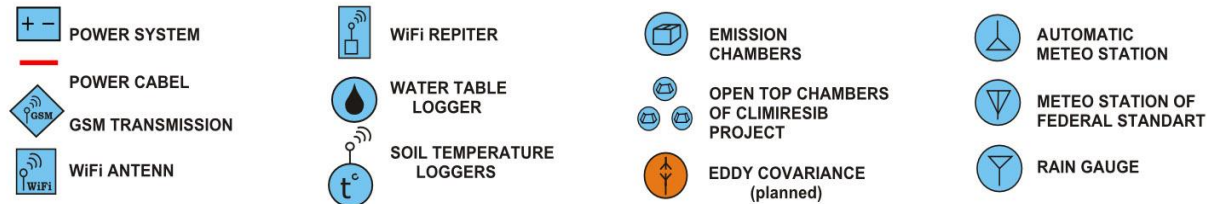
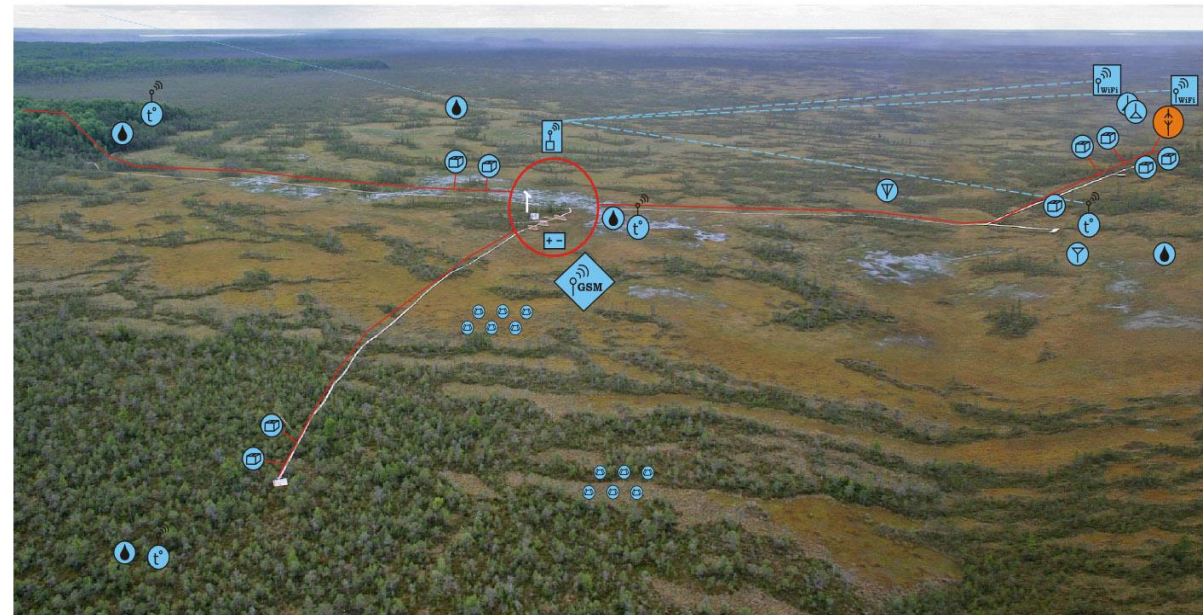




# Experimental field area of MFS



Wood house (3 living rooms, 20 beds), kitchen and Banya.



The experimental field site is equipped with 1.5 km long walking boards, which crosses the main types of mire ecosystem; wind & sunlight energy system; INTERNET, WiFi, automatic meteo station, Eddy Covariance.

## ... / Analytic Labs

Analytical Labs are duly equipped to make analysis of all kinds of specimens and samples

- ✓ natural surface and ground water;
- ✓ precipitations and air content, green gas and industrial gas emissions;
- ✓ soils;
- ✓ lake and river sediments, gyttia;
- ✓ petroleum chemistry;



Chromatography Mass Spectrometer,  
Clarus 500 MS, Perkin Elmer (USA)



Ion chromatograph 761 Compact IC ,  
Metrohm (Switzerland)



Spectrometer Lambda 35,  
Perkin Elmer (USA)

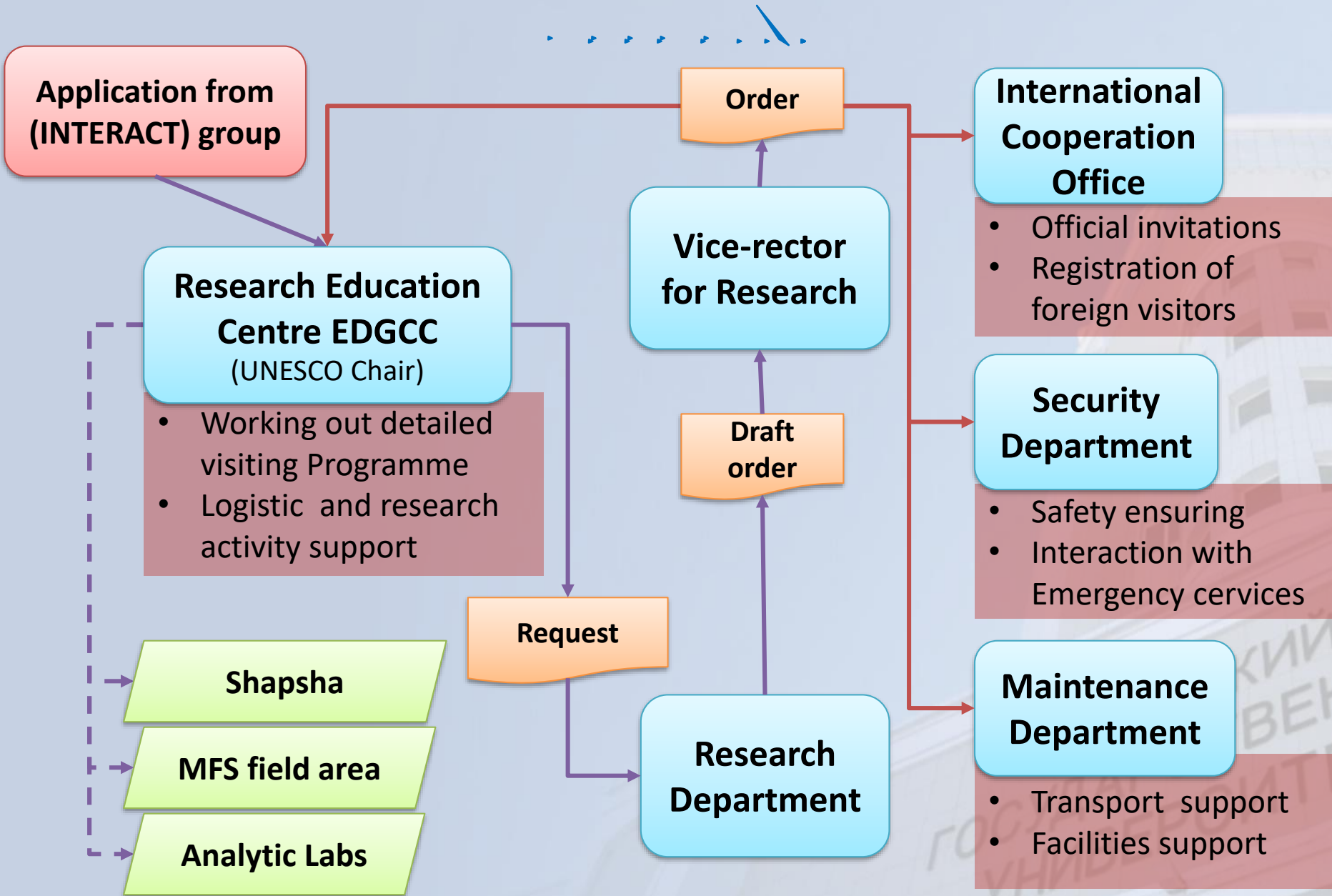


# ... / Shapsha Education-Labs Centre

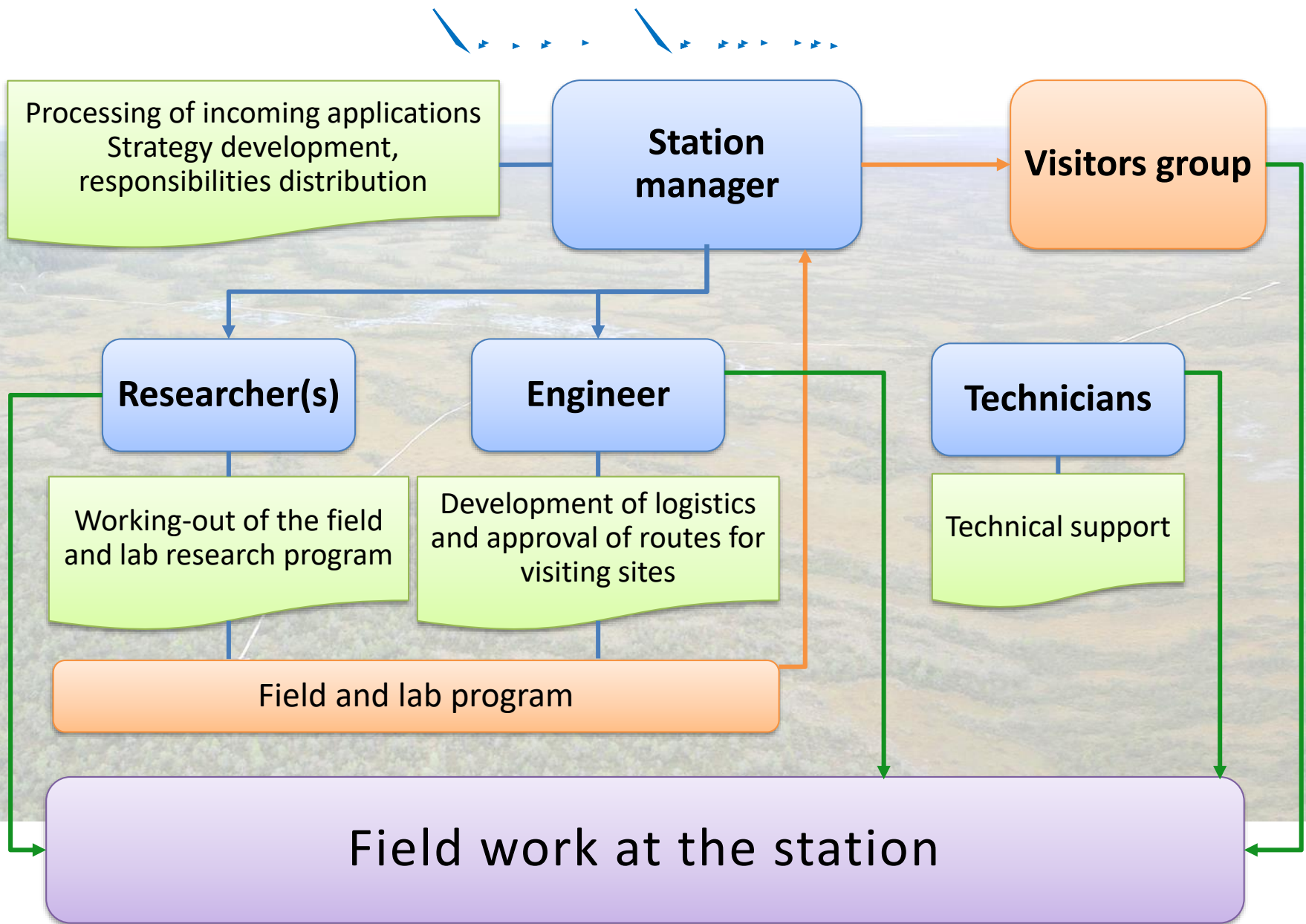


Building in Shapsha provides visitors with state-of-the-art laboratories for environmental research, library and lecture rooms .

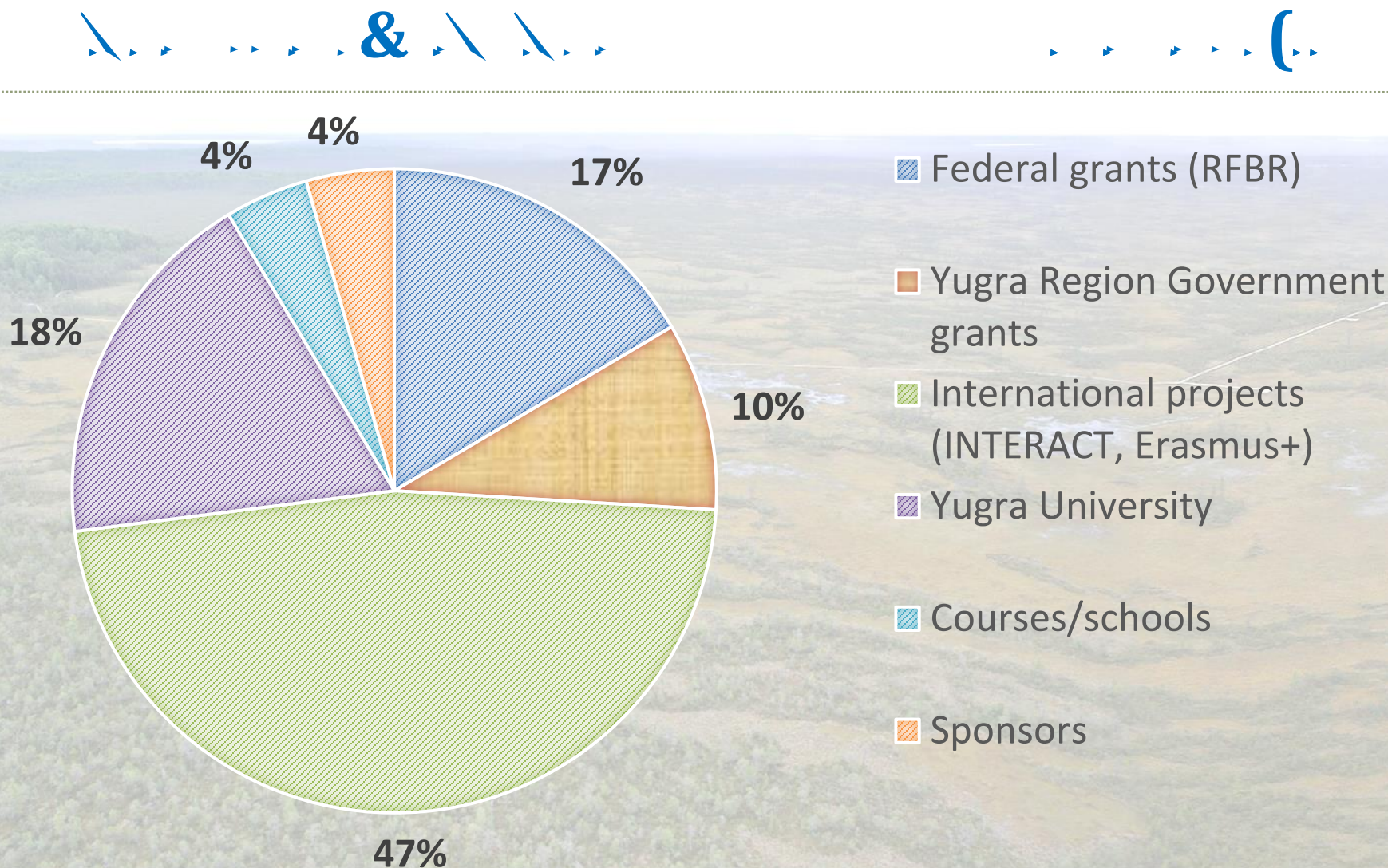




This diagram demonstrates the sequence of steps in the administrative management process and the University structures involved in decision-making about visiting event.







INTERACT share includes the money which paid to visitors (about 90%)  
5% of INTERACT money we use for MFS itself