1. MRW – Ministère de la région Wallonne / Ministry of the Walloon Region

DGA – Direction Générale de l’Agriculture / Directorate General for Agriculture
2. SAGRIWATEL

Monitoring of the Walloon agricultural state with remote sensing: project management and benefits for the department of agriculture
3. Before 2002

**Federal Authorities**
- Ministry of Small Enterprises, Traders and Agriculture
- Paying Agency Federal EAGGF

**Regional Authorities**
- Ministry of the Walloon Region Directorate General for Agriculture
- Paying Agency Regional EAGGF
4. After 2002

Regional Authorities

Ministry of the Walloon Region – Directorate General for Agriculture

Only one Paying Agency
Regional EAGGF
5. Research projects

6. Experimental studies

- 12/1999 – 06/2001: TELSAT IV Integration of RADAR within IACS
- 01/2003 – 08/2005: SAGRIWATEL
7. Experimental studies

- **PCNOSW**: numerical cartography of the ground occupation
- **ERRUISSOL**: numerical cartography of runoff and erosion risks
- **PCNSW**: numerical cartography of the pedology
8. Agricultural online map of the parcels
9. Orthophotoplans
10. Control by remote sensing
11. The map of soils
12. Indicators

★ Examined indicators: 19

★ 3 are studied
★ 9 are in development
★ 7 are developed
13. The hit parade

- Grassy headlands
- Bare soils during winter
- Agrometeorological bulletin
- Crop sequences
- Ecological network elements
- Water stresses monitoring
14. Les domaines d’application

- Control
- Supervision
- Help to decision
15. Development stages

1. Study (Research and Administration)
2. Development (Research with Administration)
3. Operationalization (Administration with Research)
4. Production (Administration)
16. **DGA means**: data

- **IACS**: Integrated Administration and Control System
- **The producers**
- **The animals**
- **The parcels**
- **Different cartographic data sources**
17. DGA means: infrastructure

- Servers and databases
- Computers
- Fast network
- Softwares – GIS
- Applications
18. DGA means: organization

- Security plan
- Projects management
- Own IT
- Projects management
- Technical implication
- Management implication
19. Bases of the projects management

The triangle of project management

- Production management
- Aim
- Means
- Deadline
- Deadline management
- Resources management
20. Process of projects management

Organisation de Projet
21. Schedule

- SAGRIWATEL I: final report
- SAGRIWATEL III: ?

Long-term plan

DGA – SSTC - Others
22. Conclusions

- Concrete applications
- R&D plan for the DGA
- To intensify the synergy between Research and Administration