Austrian Agency for Health and Food Safety

Bernhard Foeger
Division for Food Security
Institute for Sustainable Plant Production
CLEAR MISSION
What we stand for

„AGES stands for protecting the health of humans, animals, plants and soil and for food security.“
Food security

Radiation protection

Animal health

Medicines & medical devices

Food safety

Public health
WHAT WE DO

In 5 fields

We analyse

We monitor

We assess

We research

We communicate
Agency

Organisation and legal basis

**Owner**
Republic of Austria represented by BMASGK and BMNT

**Legal Basis**
Health and Food Safety Act (GESG)
The production of *Cannabis flos* for medical purpose according to §6a SMG

Division for Food Security
Institute for Sustainable Plant Production
Bernhard Foeger, Martin Schwab
Structure of Institute for Sustainable Plant Production

- Sustainable Plant Production
  - Soil Health and Plant Nutrition
  - Healthy Plants in Arable Crops and Horticulture
  - Plant Health in Fruit Crops, Viticulture and Special Crops
  - Molecular Diagnostics of Plant Diseases
  - Plant Varieties
  - Field Trials and Experimental Facilities
  - Cannabis Production
Legal base

• UN – Single Convention 1961 (incl. Commentary)

• Austrian Drug Law (Suchtmittelgesetz)

• Austrian Drug Regulation (Suchtgiftverordnung)

• Health and Food Safety Act (Gesundheits- und Ernährungssicherheitsgesetz)

• Austrian Trade Law (Gewerbeordnung)
Concerned with the health and welfare of mankind, Recognizing that the medical use of narcotic drugs continues to be indispensable for the relief of pain and suffering and that **adequate provision must be made to ensure the availability of narcotic drugs** for such purposes,...
Infrastructure Plant Production

3.000m² Greenhouse space

- 72 autonomous Compartments
- Cabins between ~10 m² to 50 m²

Pot Station
6 Quarantine Cabins
2 Phytotrones
Monitoring of Greenhouse parameters

- Temperature
- Humidity
- Lightening
- Shading
- Darkening
- Fertilisation
- Watering

Alarms => 24/7 Remote Controlling
Recording
Standardisation

- ✓ Clones (Varieties)
- ✓ Temperature
- ✓ Fertilizer
- ✓ Substrate
- ✓ Plant Protection! (BCA)
- ✓ Pot size/type
- ✓ Number of pots/m²
- ✓ Lighting regime
- ✓ Light type
- ✓ Darkening regime

- ✓ Shading
- ✓ Reflection foil
- ✓ Induction of flowering
- ✓ Time of harvest
- ✓ Temperature and duration of drying
Security Measures

Modular Security System

- Awareness and sensitization of staff
- Four eyes principle
- Physical Security
  - AGES Area
  - Greenhouse Exterior
  - Outside doors
  - Corridors
  - Sectors
  - Compartments
  - Storage rooms
- Cameras
- Movement detectors
- Door magnets
In vitro production of Cannabis

- Vital plants
- Healthy and free of pathogens
- Preservation of genes and varieties
AGES Cannabis Production

- Quality
- Standard
- Safety
- Reliability