



Group activities
Context and description of the laboratory

The laboratory described below is fictional!

Country Beastieland
<p>Main production: potatoes (ware and seeds) The maximum number of samples to be tested under official control in Beastieland is 3000 samples/year for seed potatoes. Three laboratories perform official analysis for potato bacteria for Beastieland. In Beastieland <i>Ralstonia solanacearum</i> & <i>Clavibacter sepedonicus</i> are regulated pests</p>

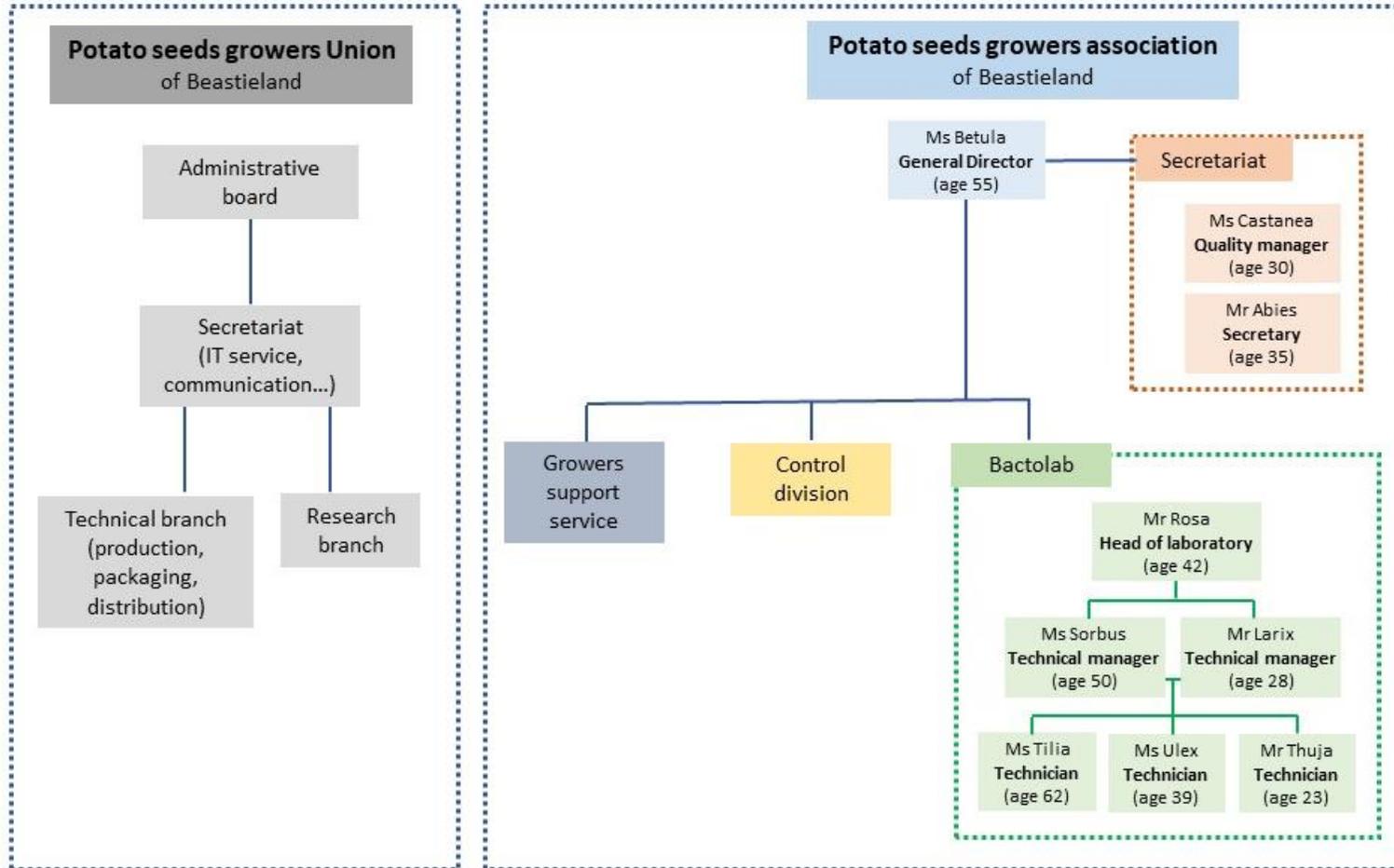
General organisation of the Laboratory	
Name of the institution	Potato seeds growers association of Beastieland
Status	Non-profit association of growers (potato seeds producers)
Scope of activities	<p>The association has different branches of activities:</p> <ul style="list-style-type: none"> - Bacteriology diagnostic laboratory named Bactolab - Official control division (field inspectors) - Growers Support Service (advice and application of phytosanitary treatments, agronomic advice, support for marketing and identification of markets) <p>Moreover, the association has strong technical interaction with the national Union of potato seeds growers of Beastieland. This national Union provides them with specific support for IT service and research activities.</p>
General context	<p>Official diagnostics has to be done under accreditation. The general director of the potato seeds growers' association of Beastieland will be soon replaced and applicants submitted their application.</p>
Future plans (for the discussions in the last group session)	Future plans will be announced during the Workshop!



BACTOLAB activities	
Test or services provided	The laboratory provides the following test services - screening for <i>Clavibacter sepedonicus</i> . There is also additional testing for <i>Ralstonia solanacearum</i> (methodology as per EPPO standard) and <i>Dickeya</i> spp.
Screening method	Selective isolation or immunofluorescence. Second screening test real-time PCR if first test is positive. Conventional PCR followed by sequencing may be used as confirmation.
Type of clients	Customers are internal and external Internal customers provide official control samples External customers will include growers, farmers, exporters.
Average number of samples	The laboratory carries out approximately 1000 samples for official control for <i>Ralstonia solanacearum</i> & <i>Clavibacter sepedonicus</i> . They also carry out ad-hoc testing for customers (approximately 500).
Types of sample received for screening	Tuber Micro plant Water
Other activity other than testing	Any <i>Ralstonia solanacearum</i> and <i>Clavibacter sepedonicus</i> positive sample should be notified to the NPPO by Head of the Laboratory. May provide advice to growers and trade in terms of best practice to avoid potential introduction and possible spread of pathogen in areas where there is a nil tolerance for the pathogens.
Sub-contractors	When needed sub-contractors are used.
SOPs available for this workshop	3 x standard operating procedures 1 x general process (only the SOPs for <i>Clavibacter sepedonicus</i> (real-time PCR) is provided for the Workshop)
Other informations	Cleaning of the lab is ensured by the team.



Organigrams of the Union and Association



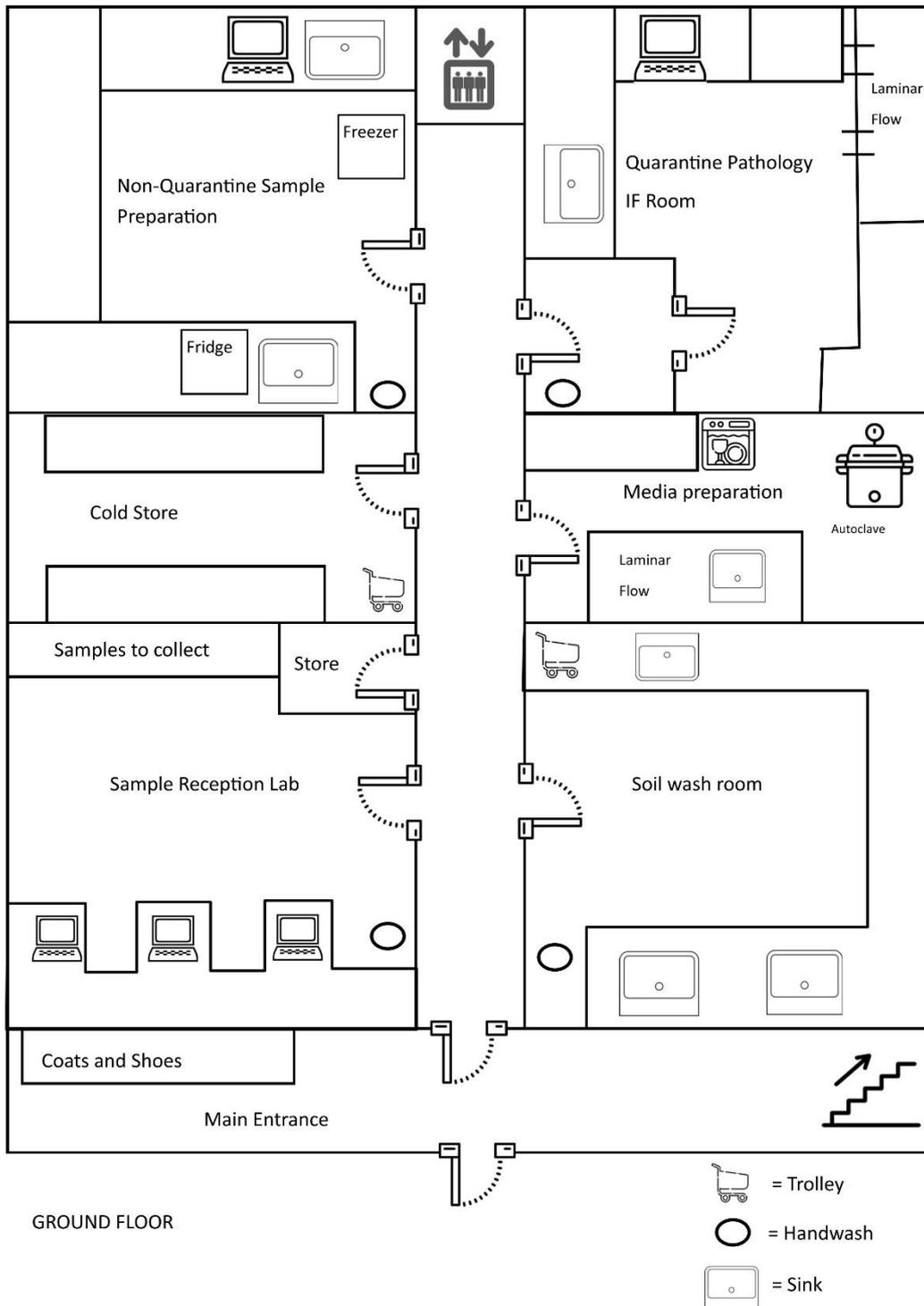


Additional Information on Staff

Staff members	Age	Competence	Additional comment	Type of contract
General director of the association (Ms Betula)	55	Management	About to leave the position	Permanent
Head of laboratory (Mr Rosa)	42	PhD in bacteriology and 15 years of experience as technical manager (other lab) 2 years of experience as head of the lab.	No experience in quality management.	Fix term appointment of 5 years (three years remaining)
Quality manager (Ms Castanea)	30	Previous laboratory experience working in a quality management system 5 years in a veterinary accredited lab)	Recently married and indicated that she wants children quickly. No experience in plant health	Permanent contract
Technical manager 1 (Ms Sorbus)	50	25 years' experience in the laboratory (all methods)	Husband working in the Potato association for the extension branch (advice to growers)	Permanent contract
Technical manager 2 (Mr Larix)	28	PhD in Bacteriology first job (competent in molecular methods)	One newly born child	Seconded from the Growers union
Technician 1 (Mr Thuja)	23	No previous work experience but trained in molecular biology	Theoretical knowledge on molecular. Signed up to different training courses	Fix term appointment of 5 years (trial period)
Technician 2 (Ms Ulex)	39	15 years of experience in the laboratory specialized in isolation	No molecular experience	Permanent contract
Technician 3 (Mr Tilia)	62	Experience in all aspects of lab work including media preparation (except molecular)	Retirement in 6 months	Permanent contract
Facilities Manager (Ms Quercus)	35	Sole responsibility for facilities management and procurement. 7 year's experience.	Recent conflict with the Head of Laboratory. Keen to progress in their career	Permanent contract
Secretary (Mr Abies)	35	10 years of experience.	In charge of issuing of test reports	Permanent contract 2 days a week for the lab and 3 for other branches of the association

Plan of the laboratory

BACTOLAB
Beastieland

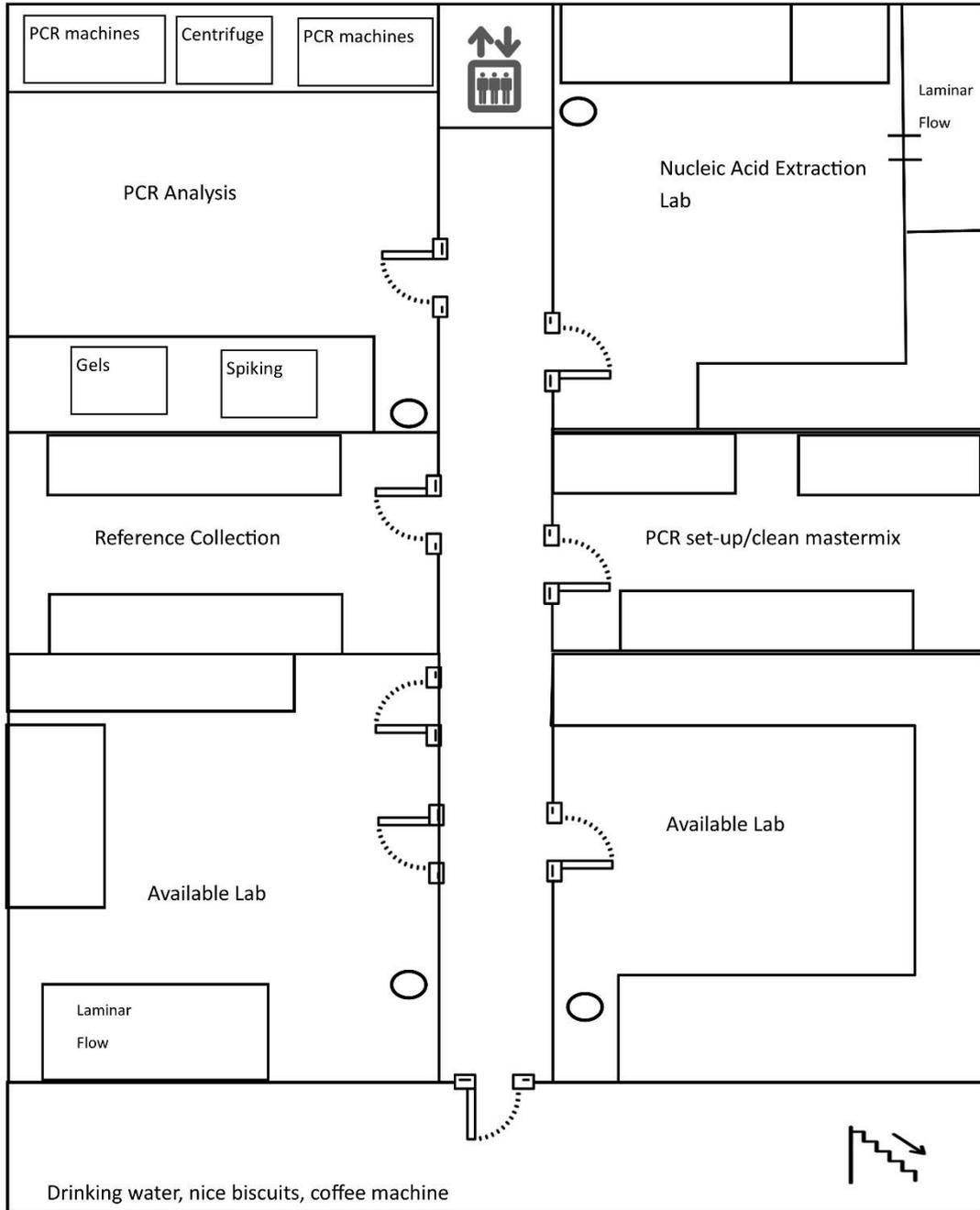


GROUND FLOOR



BACTOLAB

Beastieland



FIRST FLOOR

= Trolley

= Handwash

= Sink