

Plant pathogen controls: Licences for import

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Introduction

- **What is licensing ?**
- **Plant pathogen licences**
- **Quarantine containment**
- **Update on GM licences**

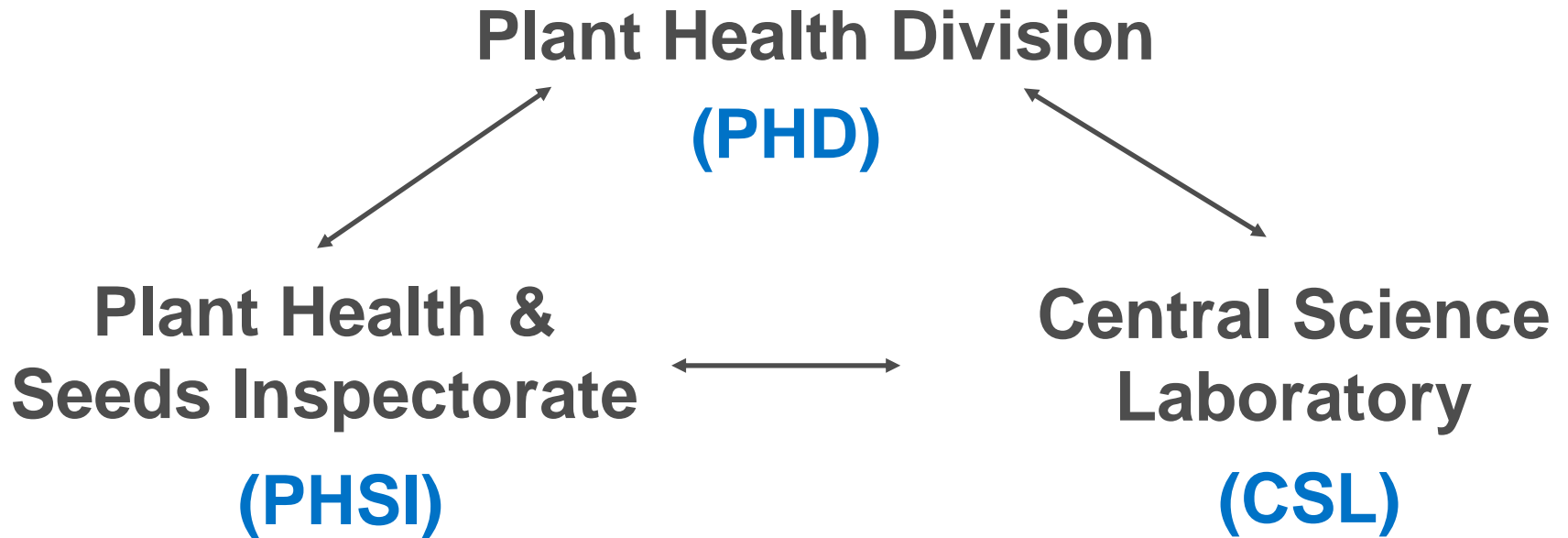


What is the purpose of licensing ?

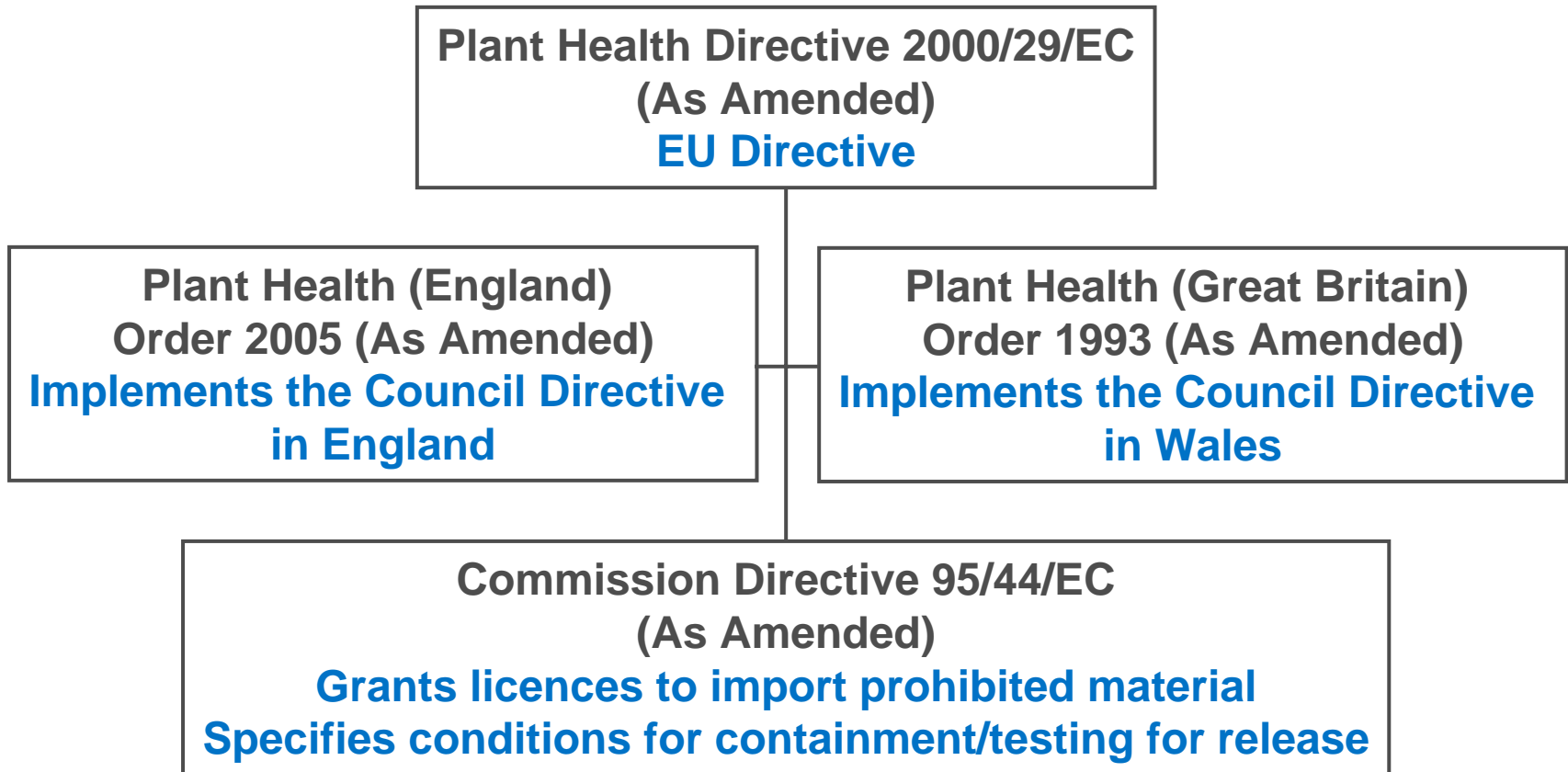
- **Allows import of prohibited material into GB**
- **Prevents introduction of non-native plant pests and diseases**
- **Still permits scientific research and trialling**



Who is responsible for licensing ?



Legislation relating to plant health



Council Directive 2000/29/EC

- **Annex I and II – Quarantine pests of concern**
- **Annex III – Plants, plant products and other objects which are prohibited entry in all member states**
- **Annex IV – Special requirements for plants and plant material imported and moved within the community**



Plant Health Order

Plant Health (England) Order 2005

- **Implements the EU plant health directive in England**
- **Schedules mirror Annexes**



Commission Directive 95/44/EC

- **Allows the import, under licence, of material which is normally prohibited entry into GB**
- **Annex I – Containment measures**
- **Annex III – Quarantine measures & testing for release**



Types of licence issued

- **Invertebrate**
- **Plant pathogen**
- **Plant**
- **Potato**
- **Soil**

Plant pathogen licences

How do we decide if an organism requires a licence ?

- **Is it listed in the legislation ?**
- **Does it infect plants ?**
- **Is it a different strain to those in GB ?**
- **Is it likely to survive, reproduce and establish in the UK ?**



Licensing risk assessment

What are the hazards ?

- **What crops does the pathogen infect ?**
- **How much damage does it cause ?**



Licensing risk assessment

What are the risks of establishment;

- **What is the host range ?**
- **What are the life cycle requirements ?**
- **Is the pathogen vectored ?**
- **Length and timing of experiments ?**



Containment measures

- Reduce risk of establishment to negligible
- Prevent escape by procedural and physical controls
 - Facility
 - Equipment
 - System of work
 - Treatment of waste



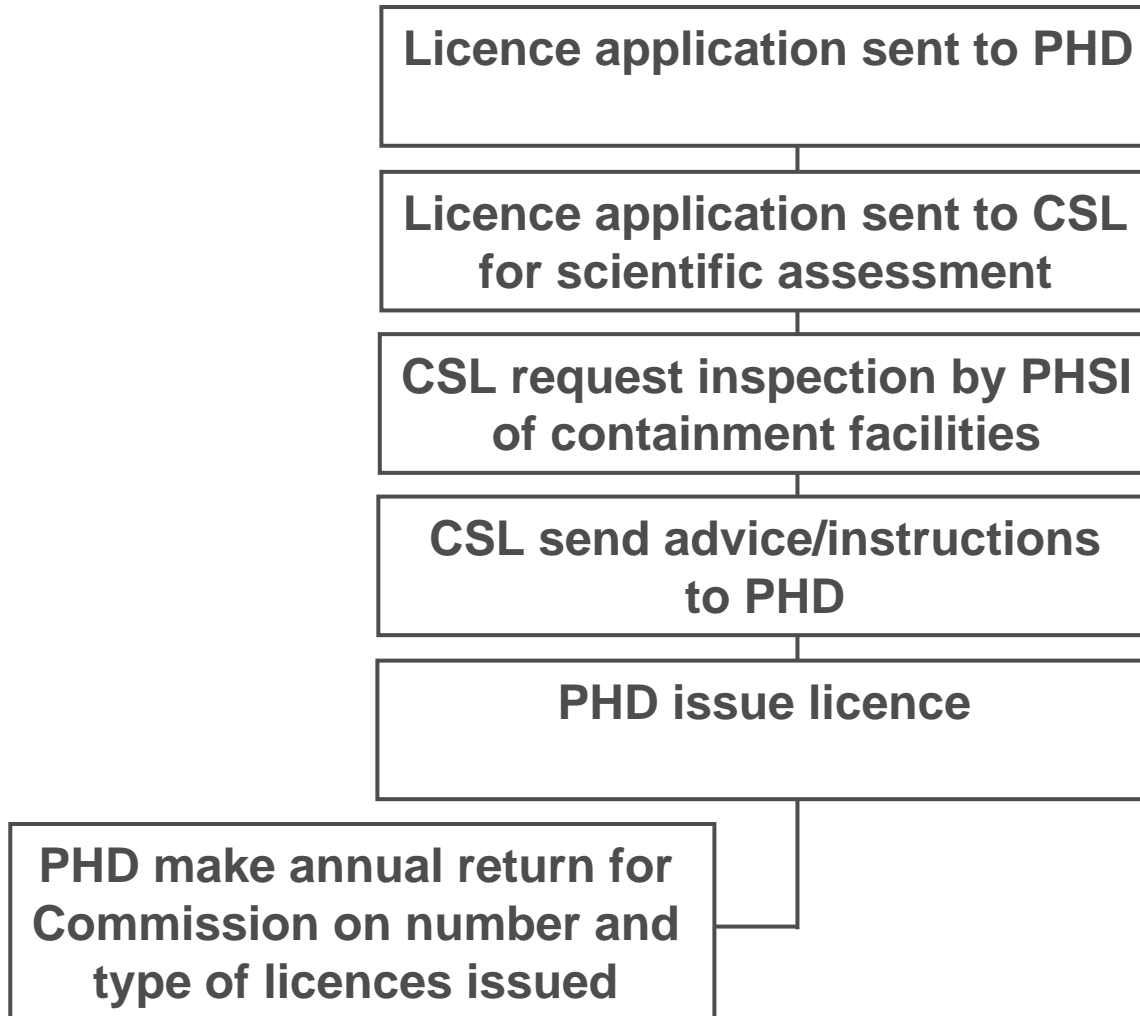
Applying for a plant pathogen licence

Complete an application including;

- **Details of staff working with licensed material**
- **List of all facilities to be used**
- **Standard Operating Procedures**
- **Any additional useful information**
- **Payment !**



Licence application procedures



Points covered during inspection

- **Security**
- **Administration and recording**
- **Transport**
- **Facilities**
- **Experimental procedures**
- **Hygiene and disposal**
- **Staff**

Containment facilities



Update on GM licences

- **Plant Health (Great Britain) Order 1993 (as amended) prohibited genetic modification of plant pathogens and pests
UNLESS carried out under licence**
- **Plant Health (England) Order 2005 (as amended) no longer prohibits this**

