



WITH
PLYMOUTH
UNIVERSITY

Richard Thain

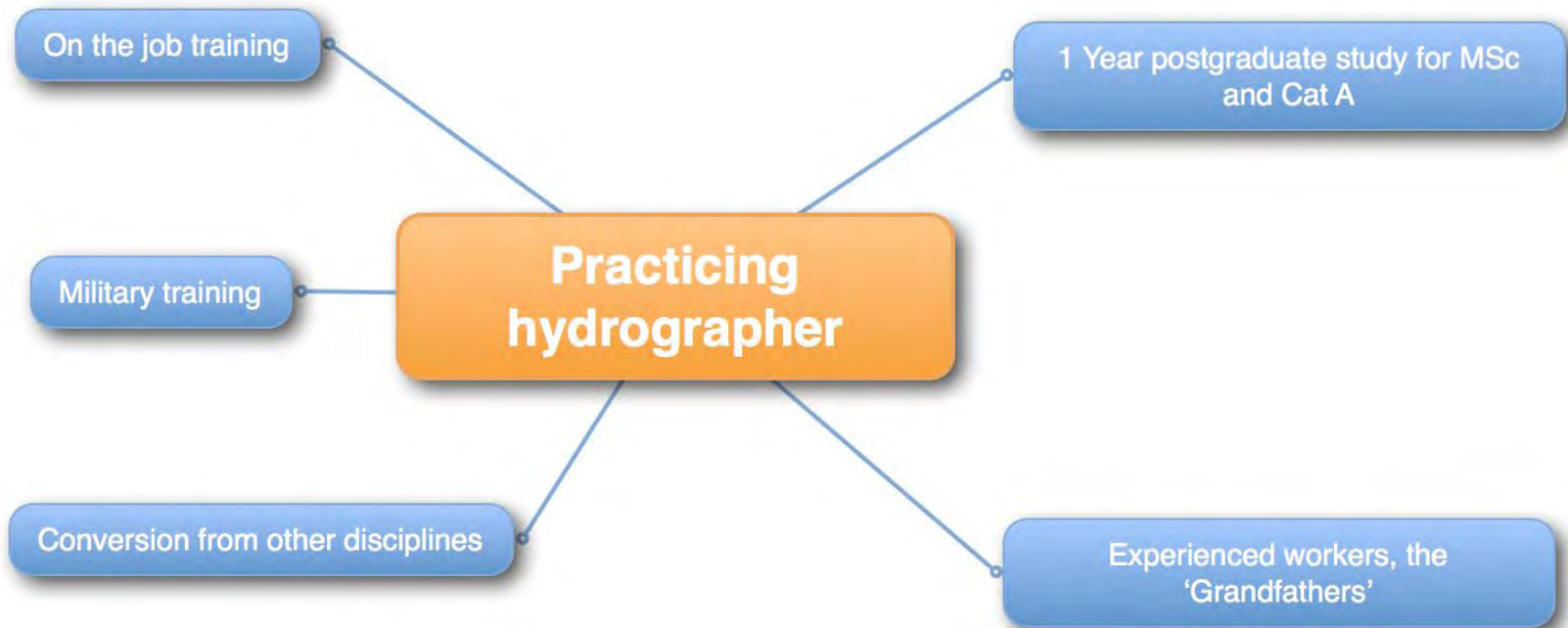
Jon Holmes

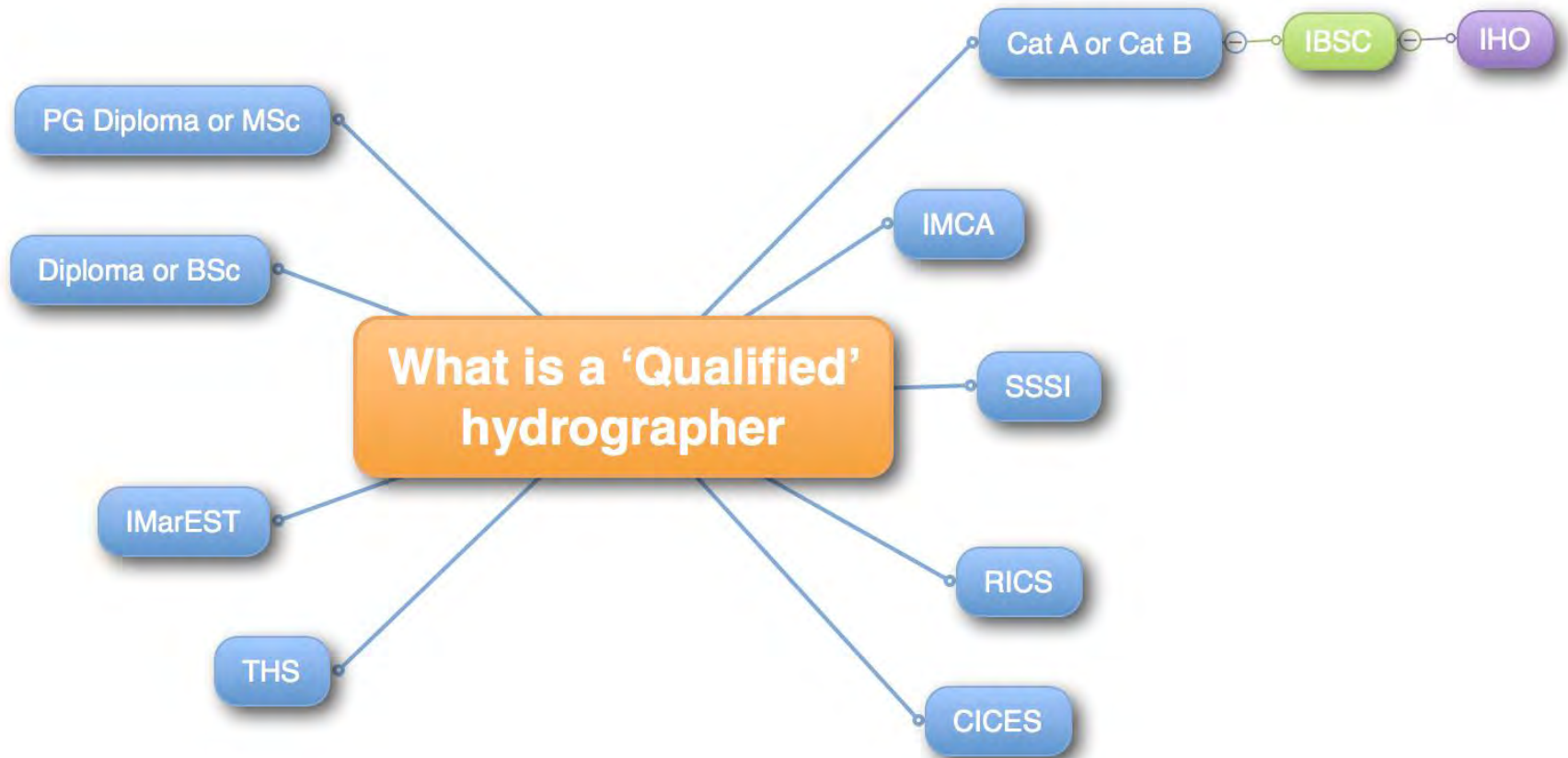
Maintaining professional standards in digital hydrography

Maintenance of standards in hydrography?

- Why bother?
- How can this be achieved?
 - Who does it?
 - Who administers it?
 - Which aspects do we need to focus on
- Based on:
 - Research from HA student body
 - Literature

Becoming a professional hydrographer?



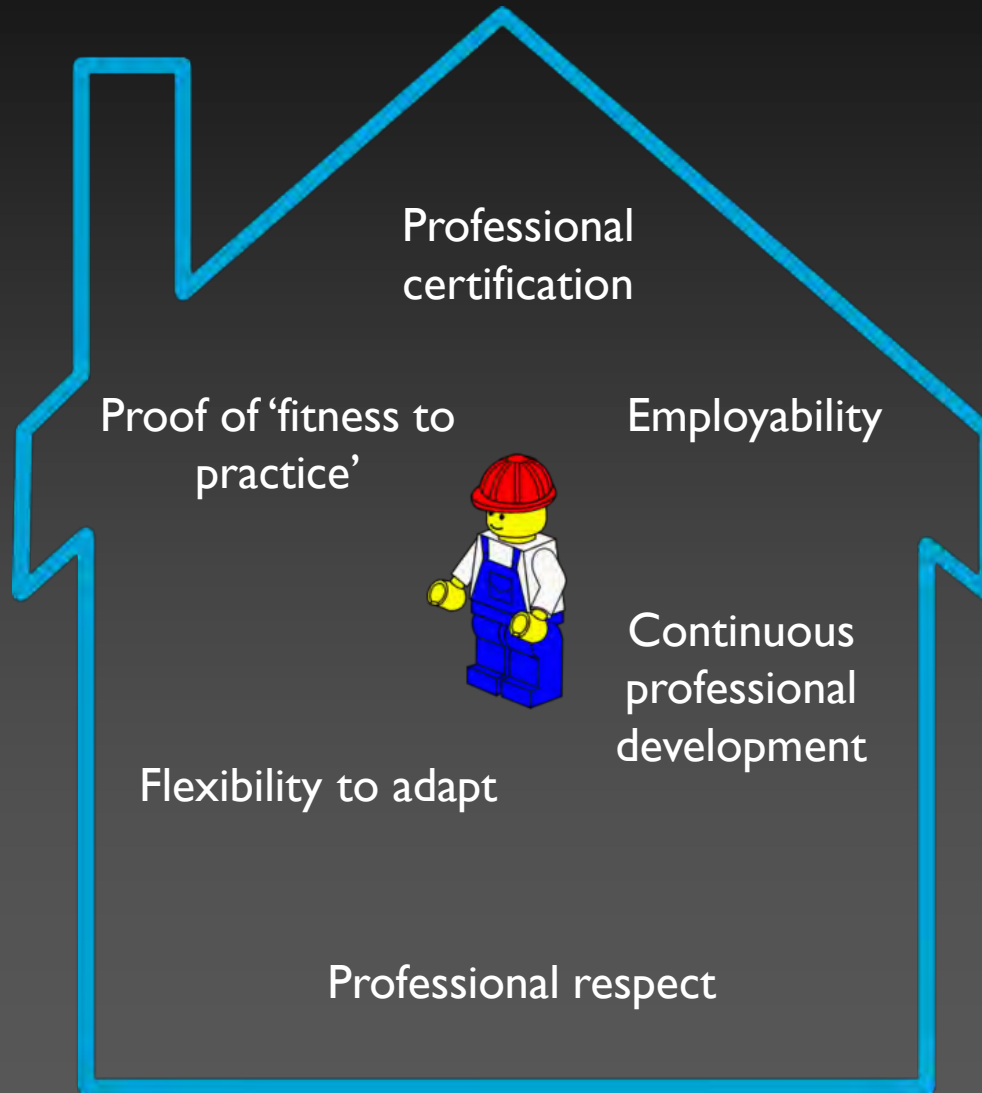


What does the individual want?

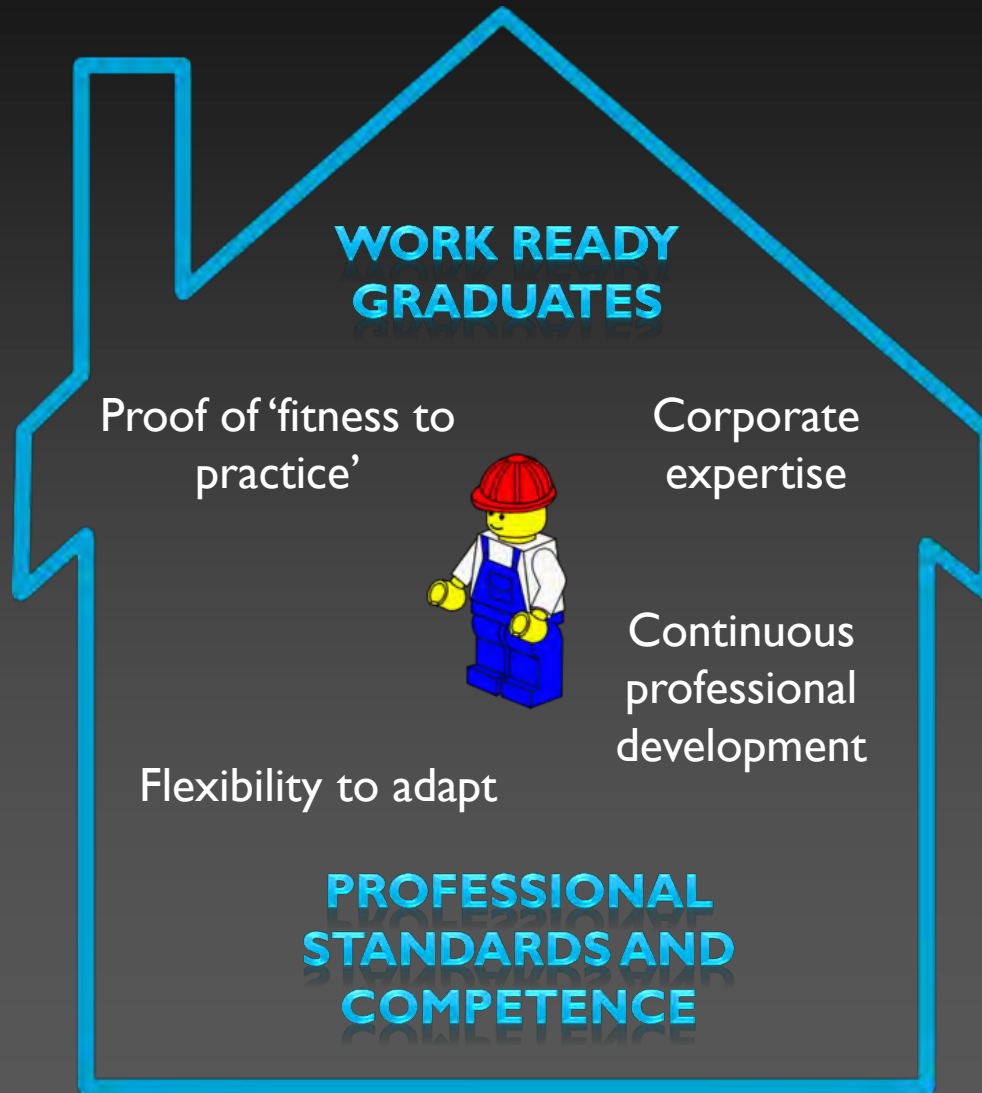


I want to be a
'CAT A'
surveyor...

What does the individual *really* want?



What do employers *really* want?



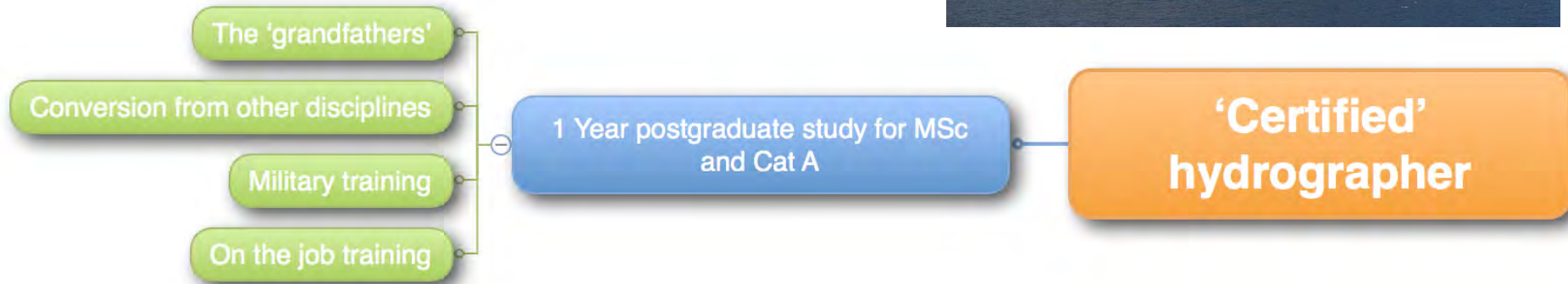
Standards and professional competence?

1. General attributes
 2. Applied engineering and scientific skills
 3. Role-specific attributes
 4. Specific industry-related knowledge and skills
- Cognitive knowledge vs. integrated and dynamic knowledge
(Watkins, 1999; Ferguson 2006)
 - Engineering disciplines moving away from heavy syllabus content loading in favour of competence, problem solving effectiveness and application

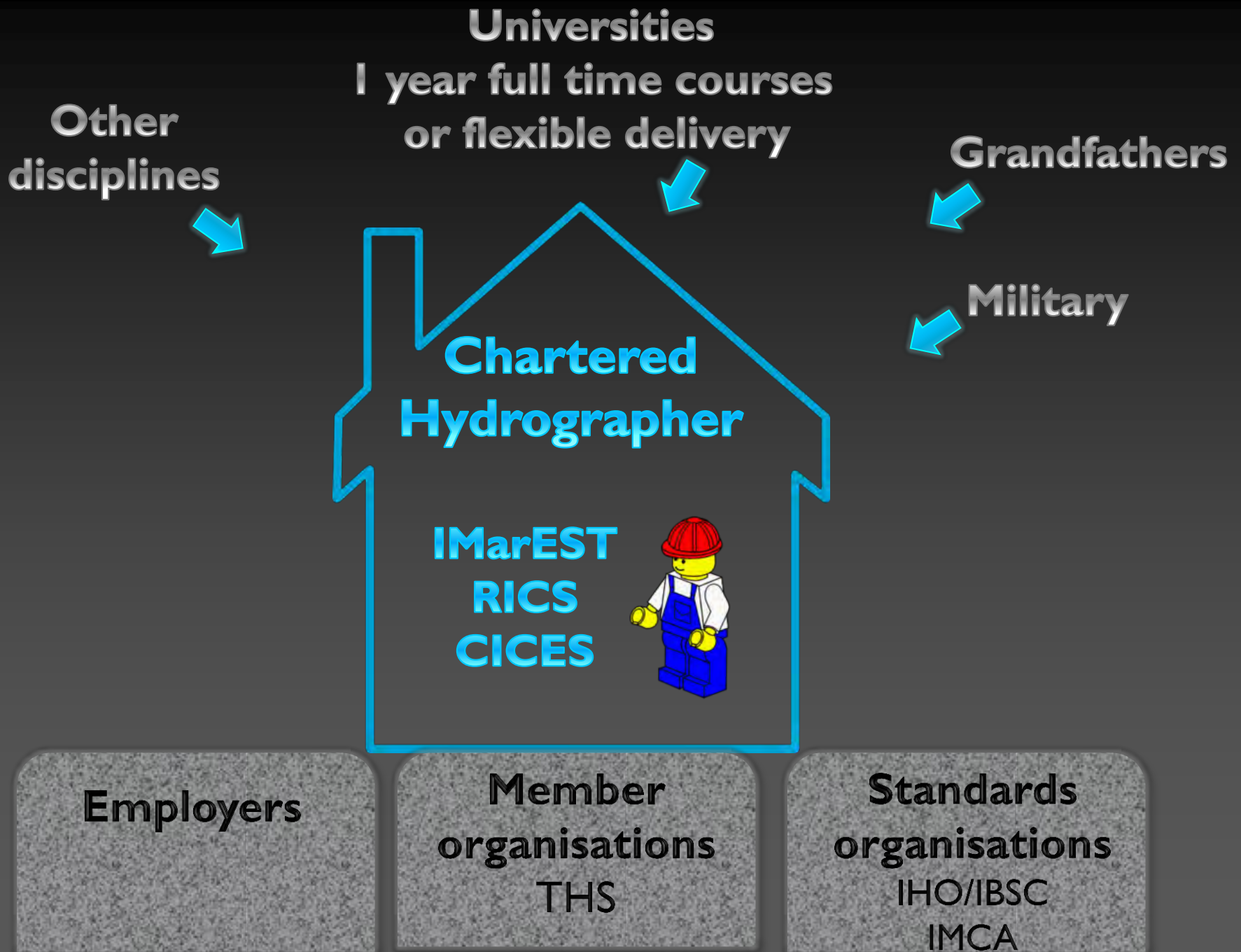
The professional body approach

- Member driven, maintains a register
- Administer entry criteria to profession
- Maintain and enforce a code of conduct
- Maintain standards and quality
- Facilitate professional development
- A professional home for life

A sustainable approach?



Where is the
accountability??





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Thank-you for listening

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