

# Education & Skills - Sustaining Our Traditional Buildings



Llywodraeth Cymru  
Welsh Government

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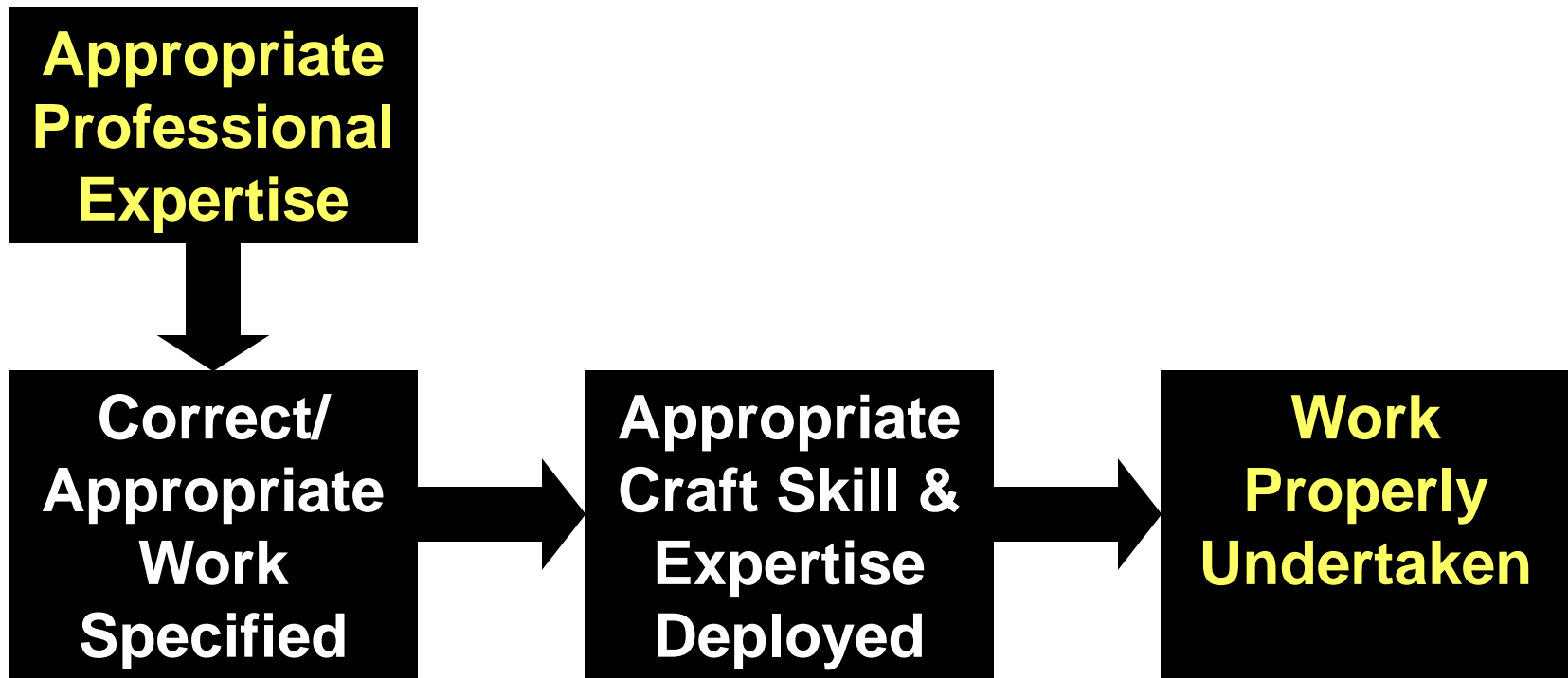
## Assistant Director

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 **Cadw**

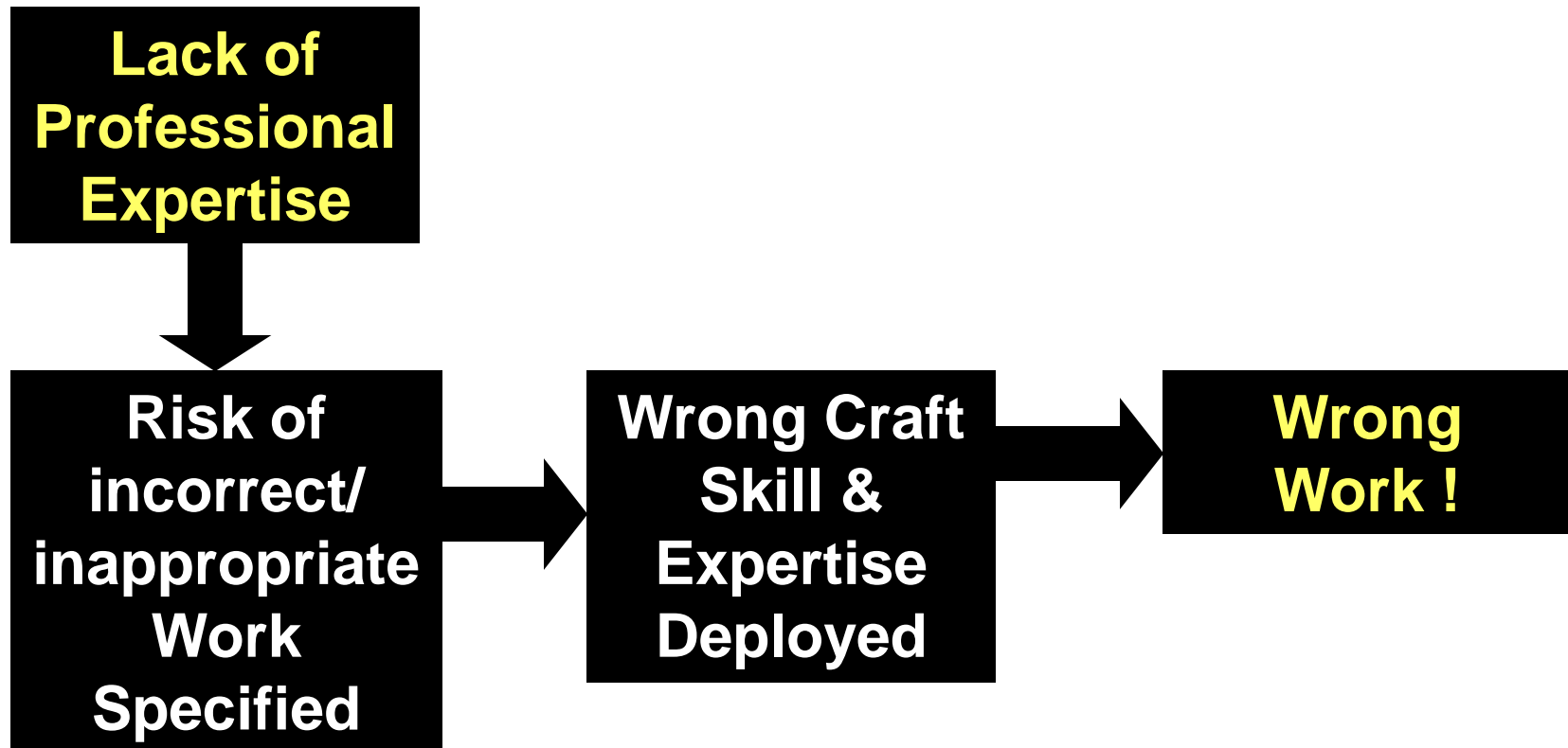
# Sustaining traditional buildings

*Whose responsible?*



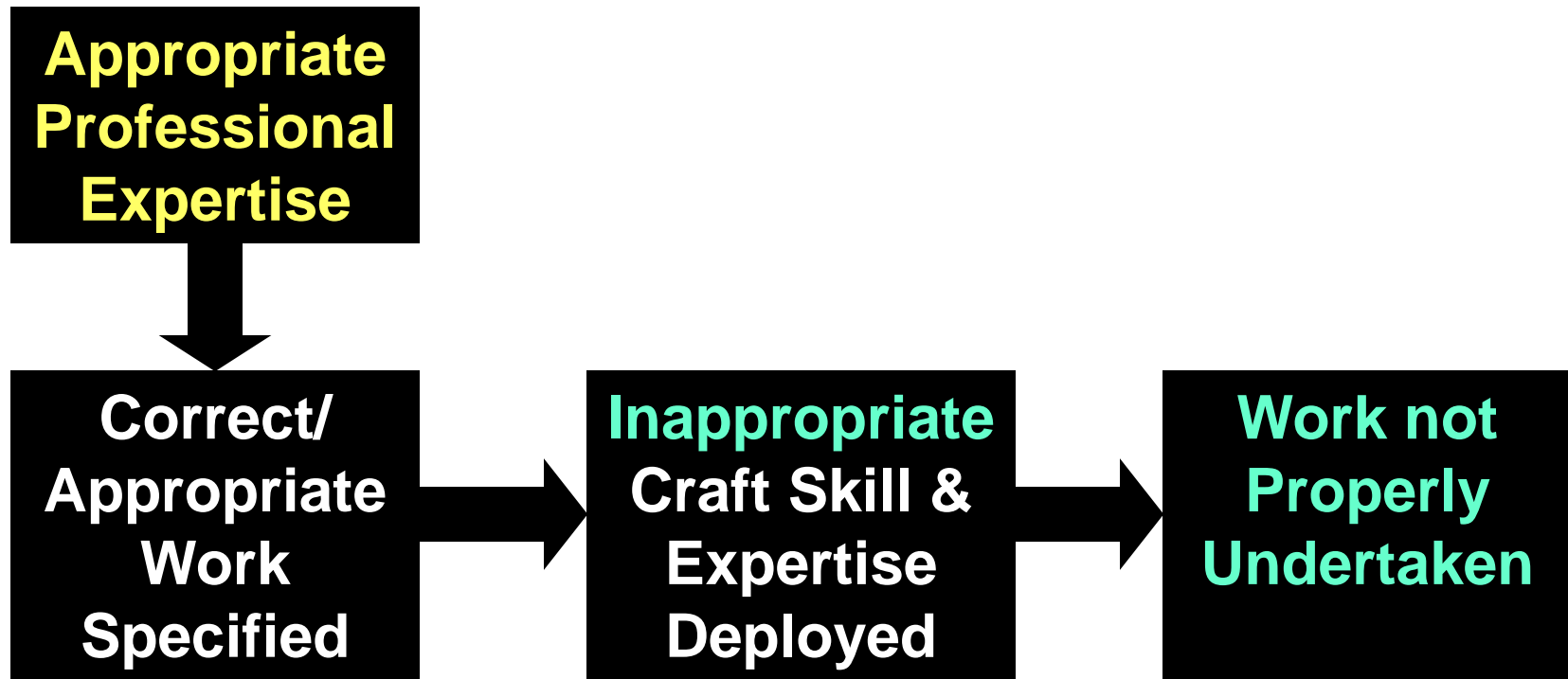
# Sustaining traditional buildings

## *Whose responsible?*



# Sustaining traditional buildings

*Whose responsible?*



# *Training & Education today*

## **IMPORTANT ISSUES**

- 1. 100% of mainstream craft training /assessment on new construction.**
- 2. Majority of professional /technical undergraduate training based on new construction.**
- 3. Only half the construction industry output is in new construction (some estimate it is less).**
- 4. Miss match on what it required and what is delivered.**
- 5. 85% of the buildings that will exist in 2050 are with us today.**
- 6. Sustaining existing buildings require knowledge, skills and expertise in work to existing buildings.**
- 7. Sustainability based on building pathology and good maintenance and repair – not just ‘measures’!**

# *Training & Education today*

## **Knowledge of the professions / surveyors/specifiers**

- 1. A quarter of professionals find it difficult to specify traditional materials because of a lack of knowledge!**
- 2. Almost two thirds of professionals felt that their formal education did not prepare them adequately for working on pre 1919 buildings.**
- 3. New recruits are not considered to be adequately prepared for the built heritage sector.**
- 4. For mainstream professionals, 35% of their work is on pre 1919 buildings whereby it equates to 76% of conservation or heritage specialists workload.**

# *The need to mainstream and how*

## *Crafts & Professions*

### **Ministerial Skills Summit of 2012 – outcome:**

- 1. Supply and demand issues.**
- 2. Make maintenance mainstream.**
- 3. Providing ‘authority’ and support for mainstreaming.**
- 4. Incentives through ‘accreditation’.**
- 5. Government to set an example – for energy efficiency include focus on traditional skills.**
- 6. A basis for working with others – partnerships.**
- 7. Make advice easy to find.**
- 8. Encourage proper maintenance.**

# *The need to mainstream and how*

## *Professions*

- 1. Cadw partnership with ‘Constructing Excellence Wales’ and ‘Wales Low Zero Carbon Hub’ – awareness and cross industry task group.**
- 2. Green Deal NOS and qualification development and delivery.**
- 3. Media work.**
- 4. Knowledge bank – building up credible knowledge to support our cause – a range of partnerships and networks – Wales and UK.**
- 5. Seeking innovative ways of working and raising the profile**

***The right professional input = a demand for the right skills***



# *The need to mainstream and how*

## *Crafts*

- 1. Partnership working – CITB, DfES and others.**
- 2. Classifying ‘traditional’ skills as ‘sustainability’ skills!**
- 3. Three site pilot involving up skilling and potentially leading to and element of ‘traditional’ craft training in all apprenticeships in three years.**
- 4. A Wales National Construction Centre which will include ‘sustainability’ skills – develop, showcase and share best practice. Business Case currently being developed.**
- 5. Green Deal NOS and qualification development and delivery.**

***Creating the supply of the right skills for ‘sustainability’***

# *Training based on “Knowledge”*

## **Cadw working on Best Practice (not necessarily Common Practice) with others**

### **Knowledge:**

Sustainable Traditional Buildings Alliance (STBA) and its partners (e.g. CIOB, CIAT, RIBA, IHBC, SPAB, Good Homes Alliance, Historic Scotland, English Heritage), Sector Skills Councils, BRE, CEW/WLZCH, Existing Homes Alliance Cymru and its partners. Cadw research and that of its partners and collaborators.

### **Training:**

Development of NOS for Green Deal Installers and Advisors for older and traditional buildings, ‘Certificate in Energy Efficiency Measures for Older and Traditional Buildings’ (with Asset Skills), WLZCH/ CEW seminar series and other awareness sessions. Working with Construction-Skills, Asset-Skills, BEST, Wales Traditional and Sustainability Skills Advisory Group, Universities.

# THANK YOU

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