

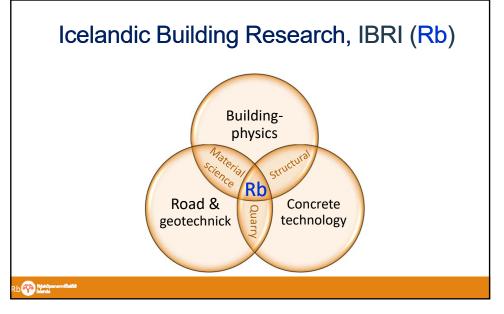
## The need for research on mold & water damage PRÓF. ÓLAFUR H. WALLEVIK et. Al in IBRI

PRÓF. ÓLAFUR H. WALLEVIK et. Al in IBRI ICELANDIC BUILDING RESEARCH @ INNOVATION CENTER ICELAND









Olafur II Wallovik

## Dissemination of information



#### An Icelandic sad saga



We experienced a significantly increase:

- Moisture problems in buildings
- Mold
- Illness

Several big buildings have been evacuated

Rb 🚜

## Why are so little emphasis on durability?

One hypothesis is:

Due to lack of knowledge?



# Last decade, mold problems has increased exponentially

In Iceland

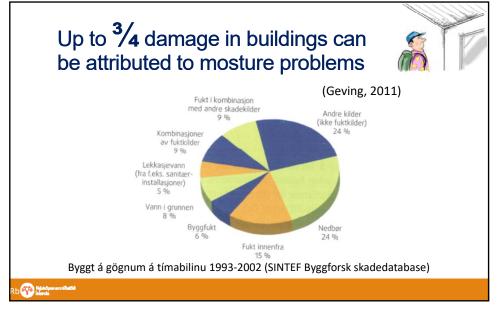


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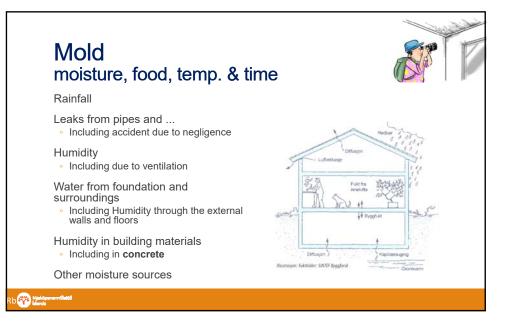








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Apart from accidents moisture comes from:

- Faults Leakage

Results in inside air getting more humid







Myglusveppir í horni bak við bókaskáp þar sem raki þéttist í herbergisloftinu ofan við og lak niður vegginn. www.ni.is



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## We should not import problems

We have already plenty of them?





veggjatitlur fundust í því var rifið í morgun. Vestmannaeyjabær leysti 💢 Hlusta 🕦 🕨



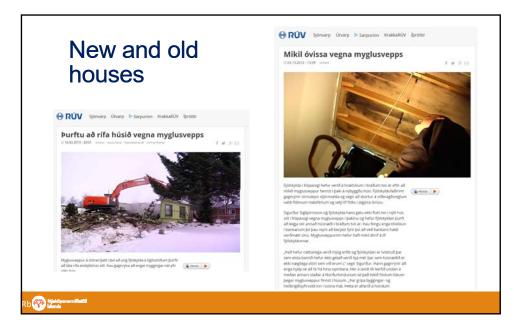


Olofus LLMallovik



But why do we so much mold problems?

Why are people so sick now?





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### Some potential problems?

Cladding

Windows, walls, roof, ...

Piping

Damaged moisture barrier

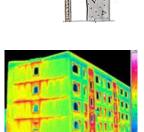
Ground water

To high relative humidity (> 80%)

Thermal bridge

Ventilation

- Natural
- Mechanical









So when you here about mold in Iceland Tell yourself:

Here we need knowledge

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#### Remarks

Moisture problem and mold are serious issues in Iceland
This has increased exponentially last decade

People are sick

We need help



# Remarks Moisture problem and mold are serious issues in Iceland This has increased exponentially last decade People are sick We need help Ein hugmyndin að rífa húsið Afallinn kostnaður vegna athugunar á rakaskemmdum og ...

#### Mygla-2019 Nordisk vannskaðeseminar 2019?







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