



# Looking at future disease threats and taking action —Linking science and action

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# **Future disease threats** Long tail fiber

# Geographic origins of events with emerging infectious diseases, 1940 to 2004







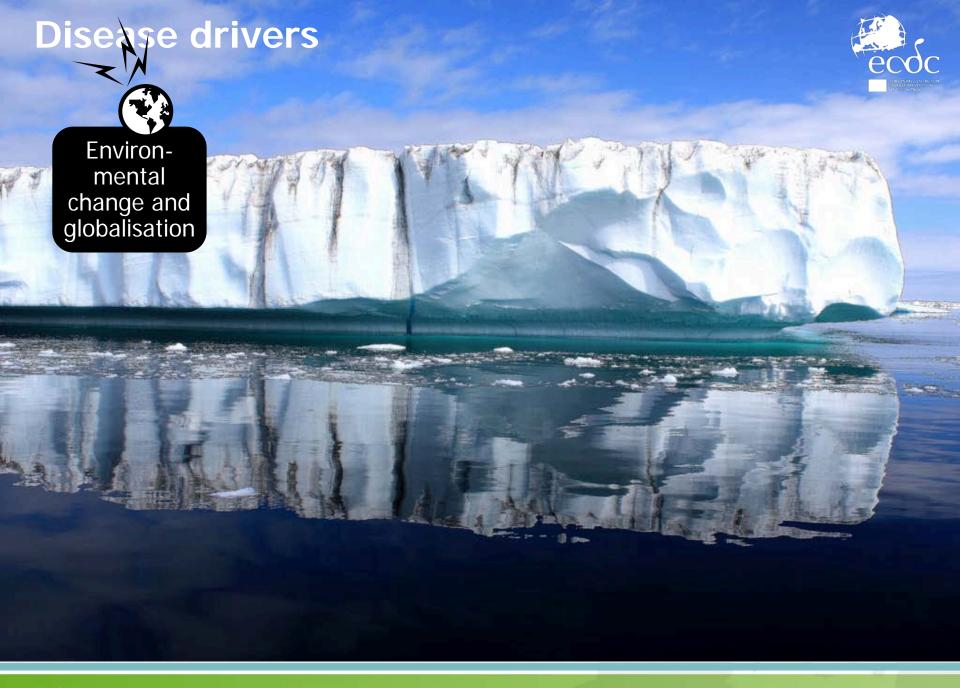


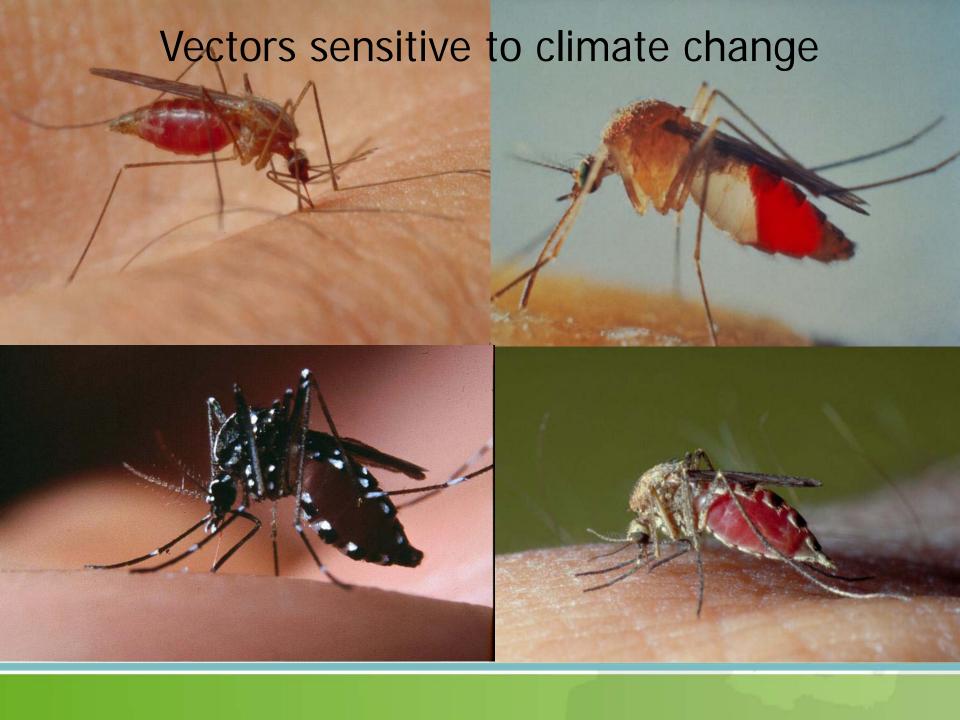
#### 为全面建设小康社会而努力奋斗!





Illustration: ECDC 5

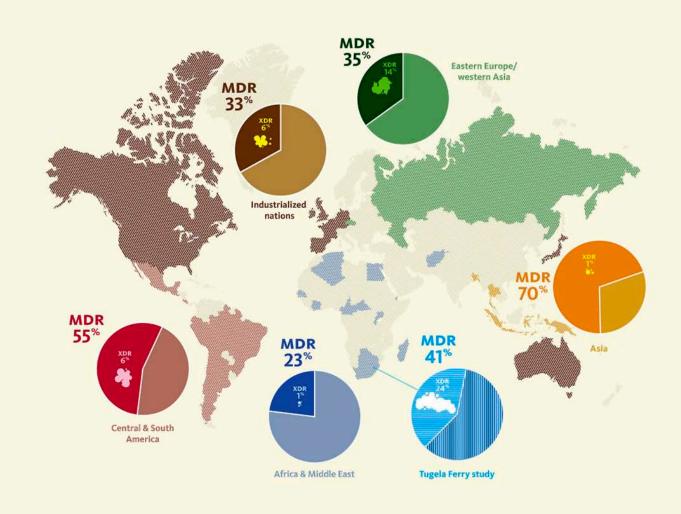






#### Sample scenario #1: M/XDR-TB





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Social inequality

Migration

Healthcare

Adherence to treatment



## Multidrug-Resistant (MDR) TB remains a problem in the EU/EEA



Proportion of notified TB cases with primary multidrug resistance, EU/EEA, 2008



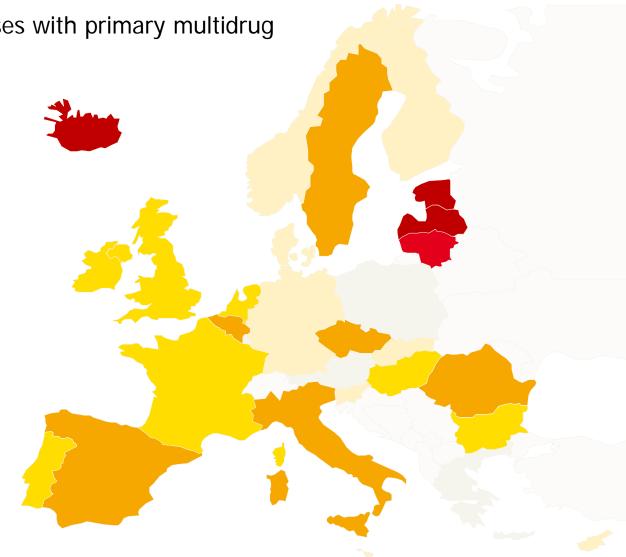
1 to 1.9%

2 to 5.9%

> 6-10%

> 10%





## For the future: Eight threats to fret about:



- extensive antimicrobial resistance;
- vector-borne infections;
- sexually transmitted diseases;
- pandemic influenza;
- foodborne disease outbreaks;
- vaccination fatigue and vaccine resistance;
- dramatic rise in nursing home infections; and
- multidrug and extensively drug-resistant TB (M/XDR-TB)





## Anticipation



