

## The question

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- ❖ Is there a risk that the BSE-agent was imported?
- ❖ If yes - what would have happened?
  - Was BSE recycled and amplified ?
  - Or was it eliminated ?

## 問い

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- ❖ BSE病原体が輸入されたリスクはあるか？
- ❖ もしそうなら、何が起こるか？
  - BSEの循環は増幅されたか？
  - 又は排除されたか？

## Geographical BSE risk („GBR“)

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### Definition

Qualitative indicator of the likelihood of the presence of one or more cattle being infected with BSE, at a given point in time, in a country

## 地理的なBSEのリスク („GBR“)

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### 定義

ある国におけるある時点での一頭以上のBSE感染牛の存在の定性的な指標

## Assumptions

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- ❖ Transmission of BSE only through feed
- ❖ no „home-made“ BSE
- ❖ imports from affected countries necessary

## 仮定

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- ❖ BSEは飼料を通じてのみ感染
- ❖ 「自国製」のBSEはない
- ❖ 関係国からの輸入が必要条件

# Stability and challenge

„external challenge“



## stability:

- identification and elimination of infected animals
- ability to avoid BSE-recycling



internal challenge



# 循環防止と侵入リスク

„侵入リスク“



## BSE感染の循環防止:

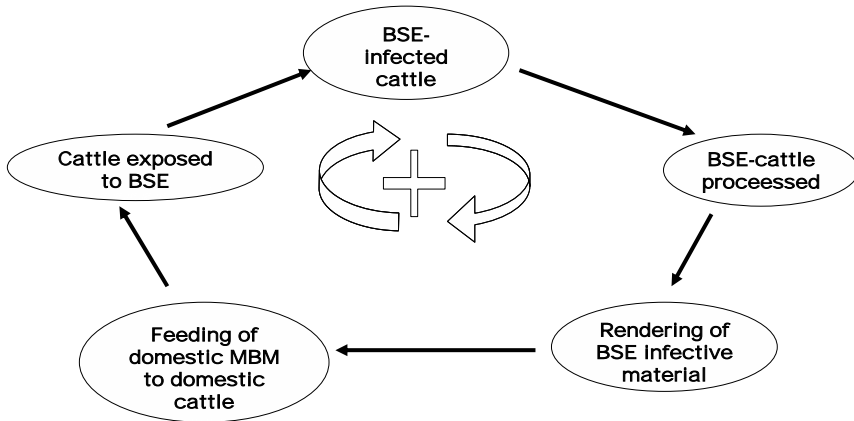
- 感染牛の識別と排除
- BSEの感染循環防止能力



感染の循環に作用

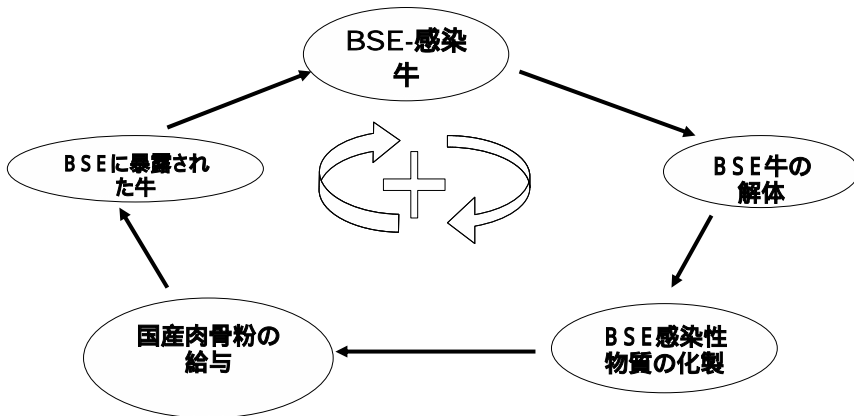


# Recycling the BSE-agent



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# BSE病原体の循環



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