

A importância do regadio no desafio da produção alimentar

Gonçalo Rodrigues

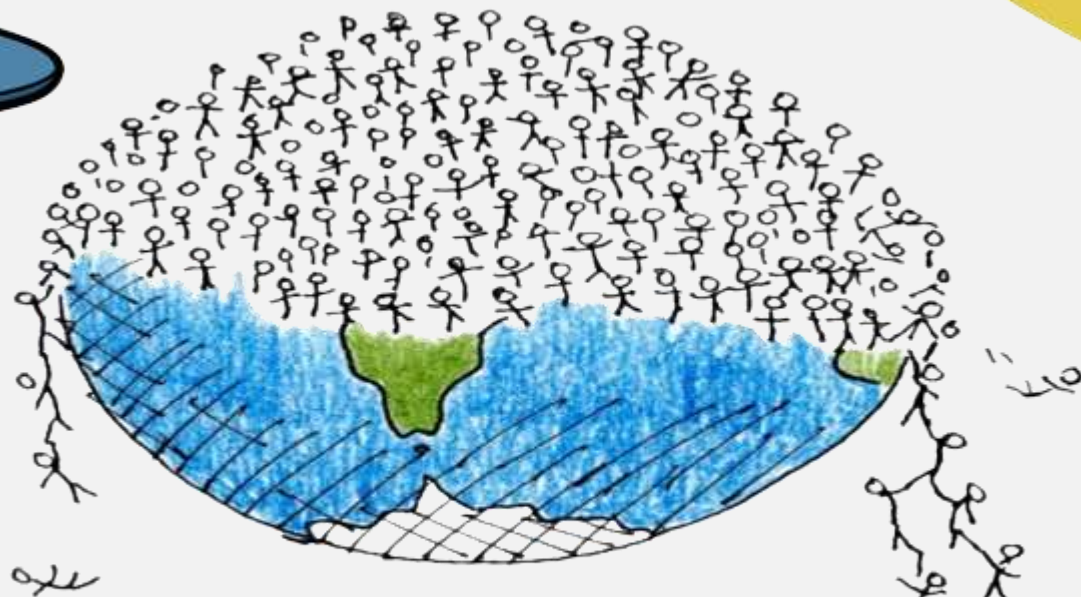
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O regadio no desafio da alimentação mundial
Ovibeja – 22 abril 2022

Antes de começarmos...

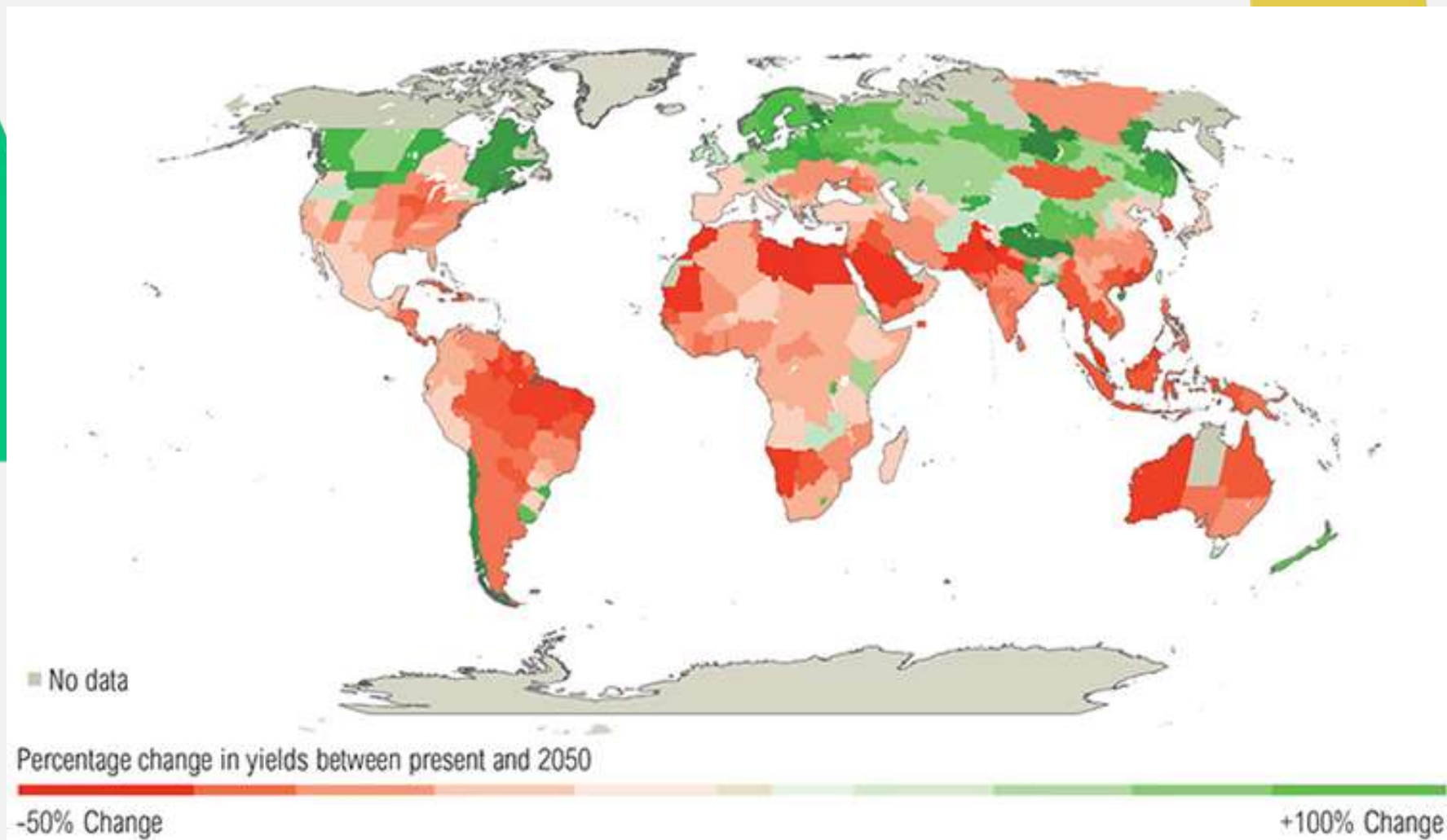


Que desafios?

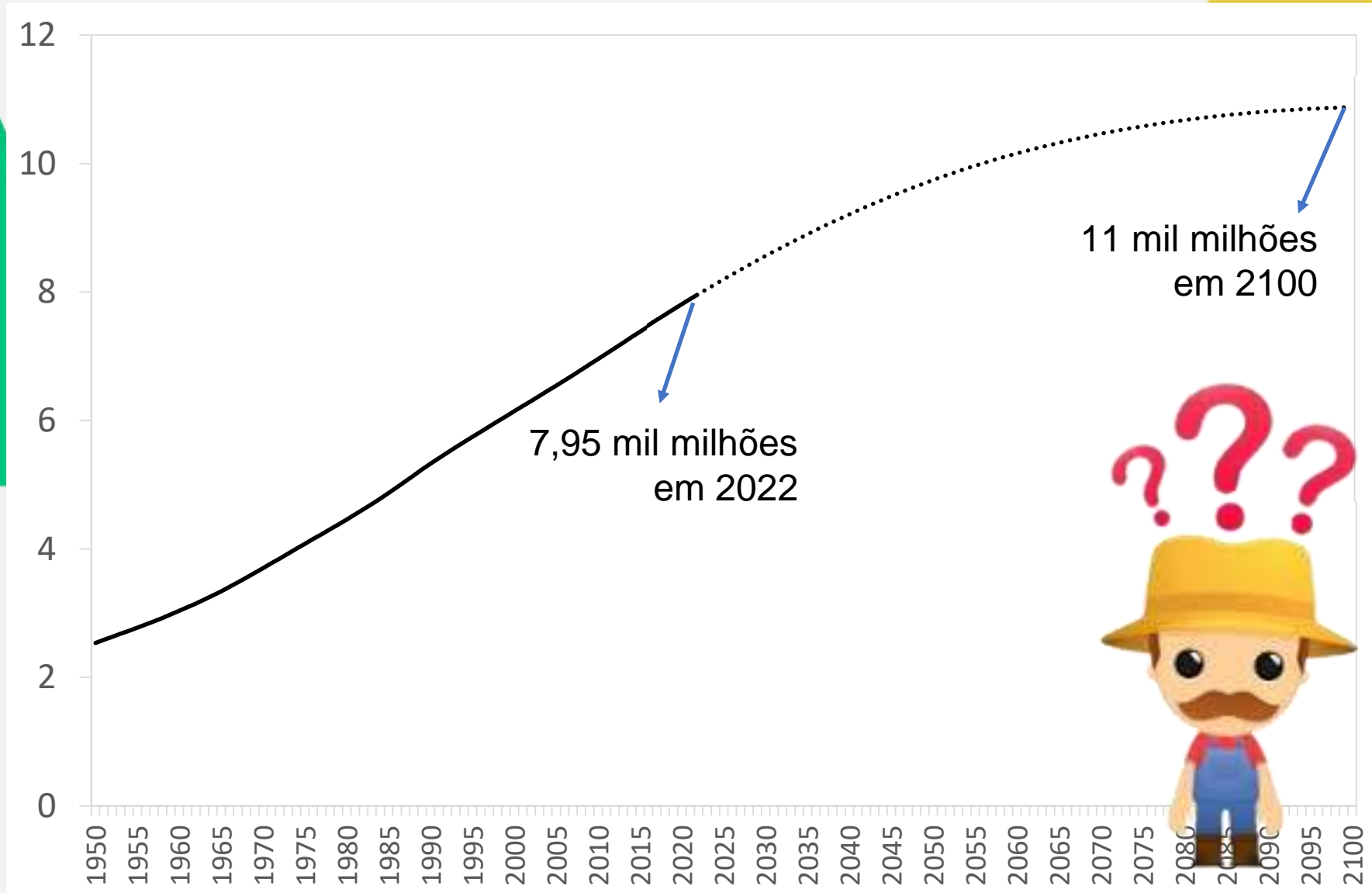


Que efeito terão as alterações climáticas?

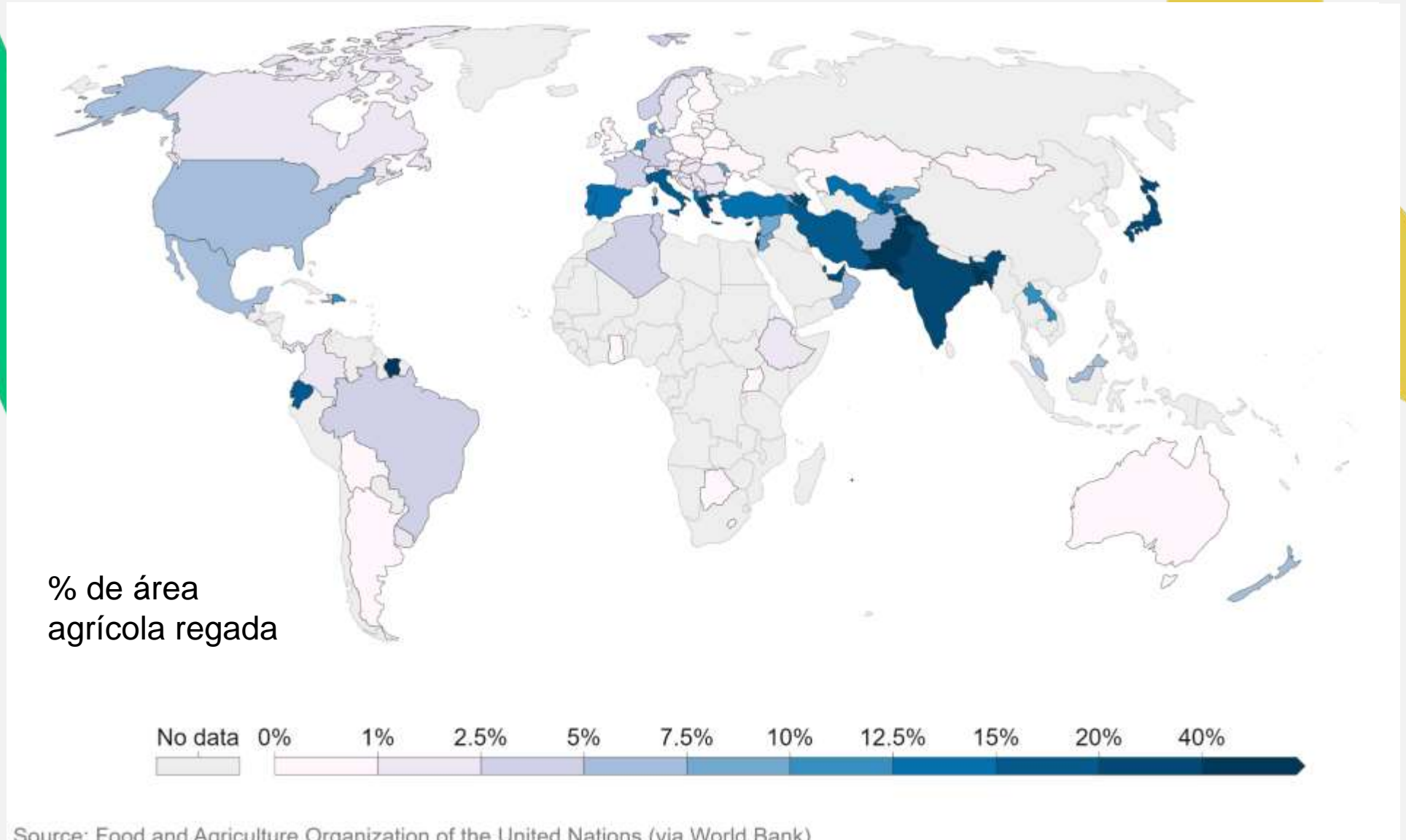
Impactos adversos na produção das colheitas (mundo 3°C mais quente)



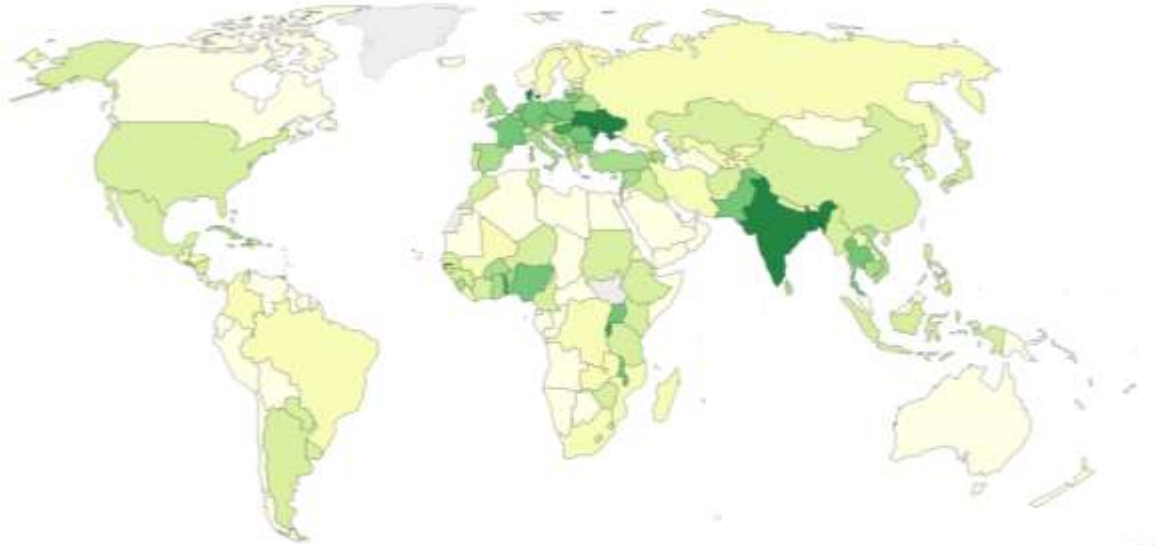
Quantos mil milhões de bocas teremos que alimentar?



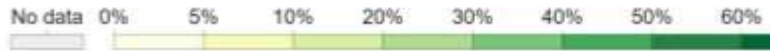
O que temos?



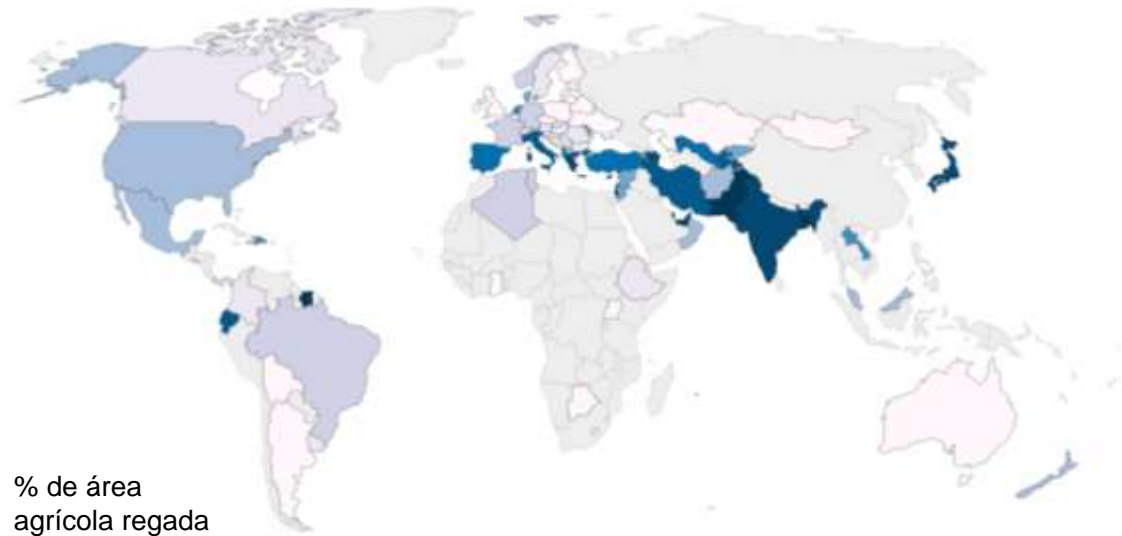
O que temos?



% de terra arável



Source: Food and Agriculture Organization of the United Nations (via World Bank)

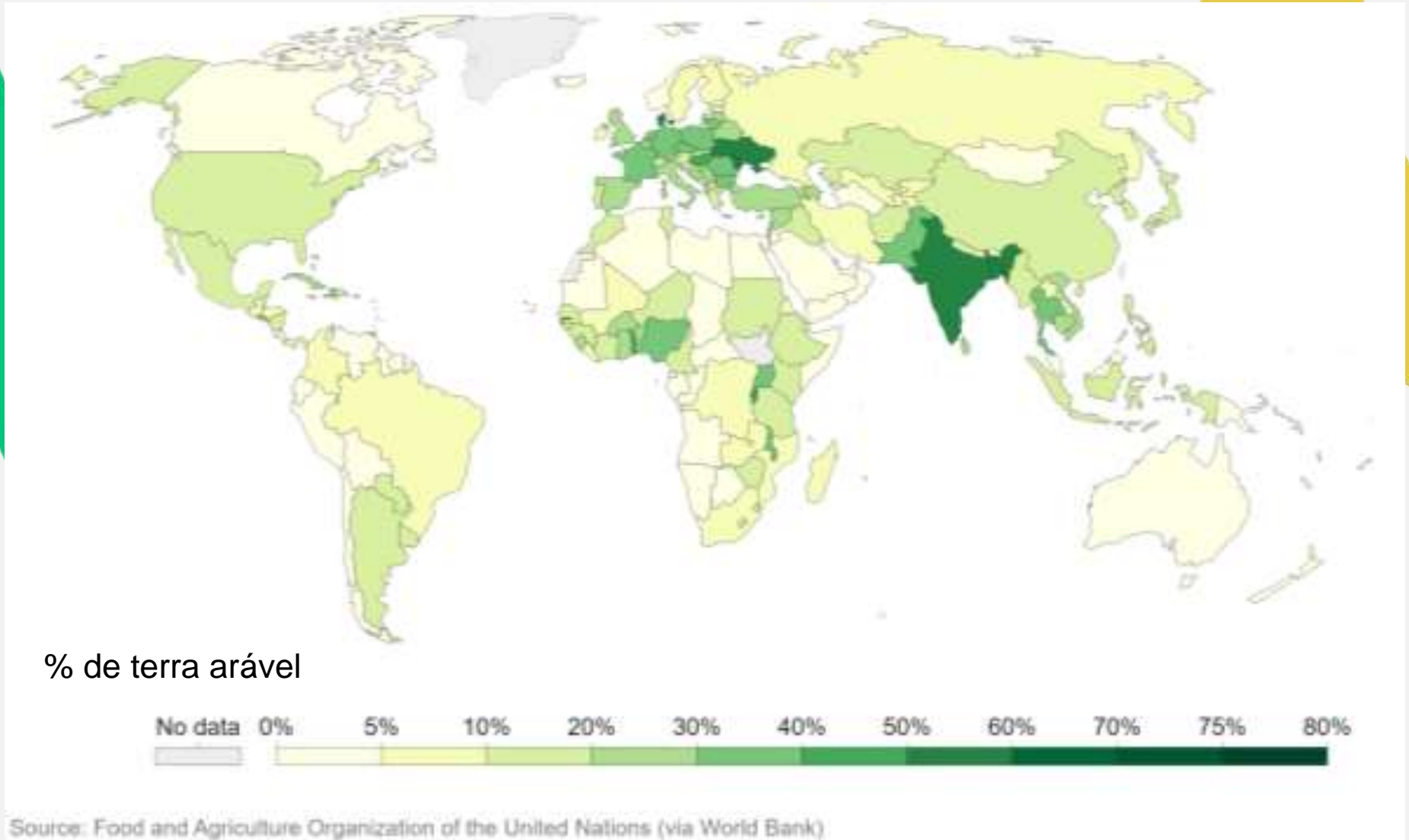


% de área agrícola regada

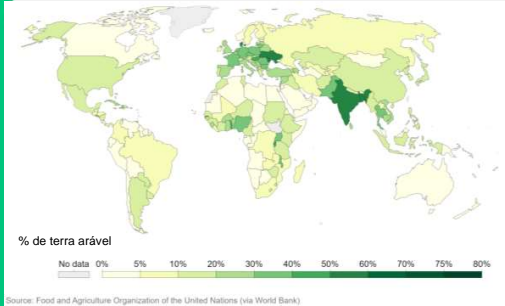


Source: Food and Agriculture Organization of the United Nations (via World Bank)

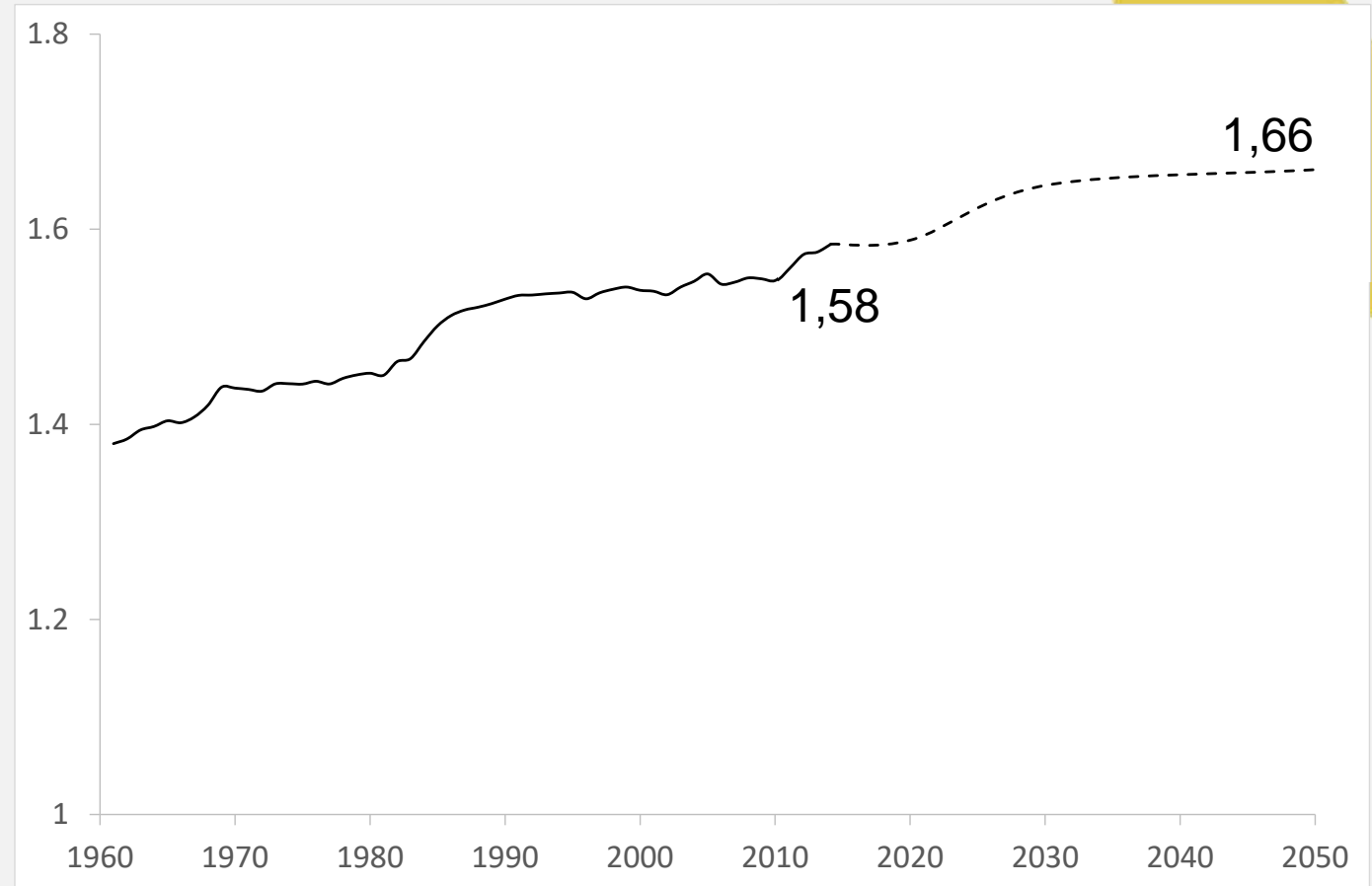
Como resolver o problema?



Como resolver o problema?

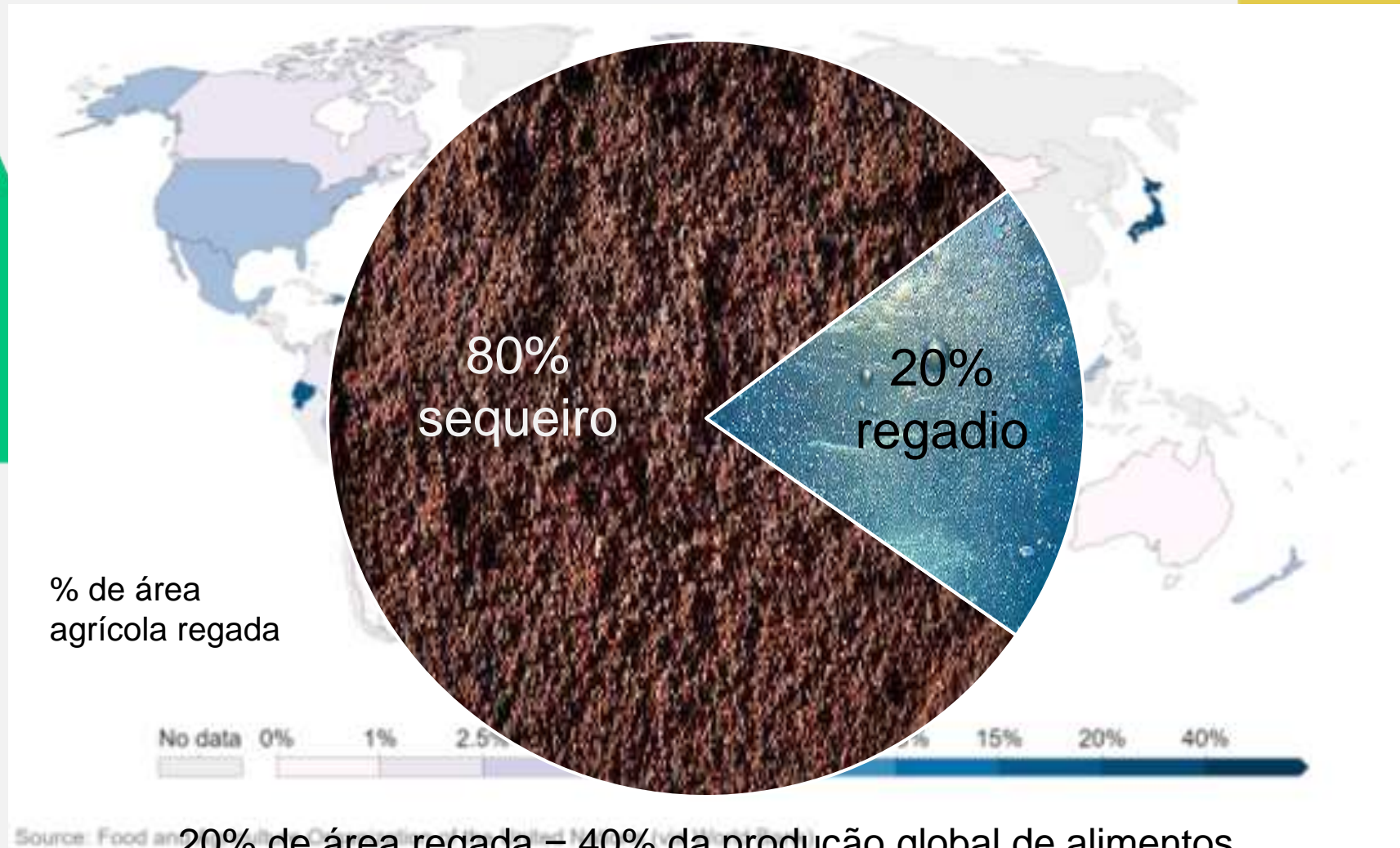


Quantos mil milhões de ha de terra arável no futuro?



Como resolver o problema?

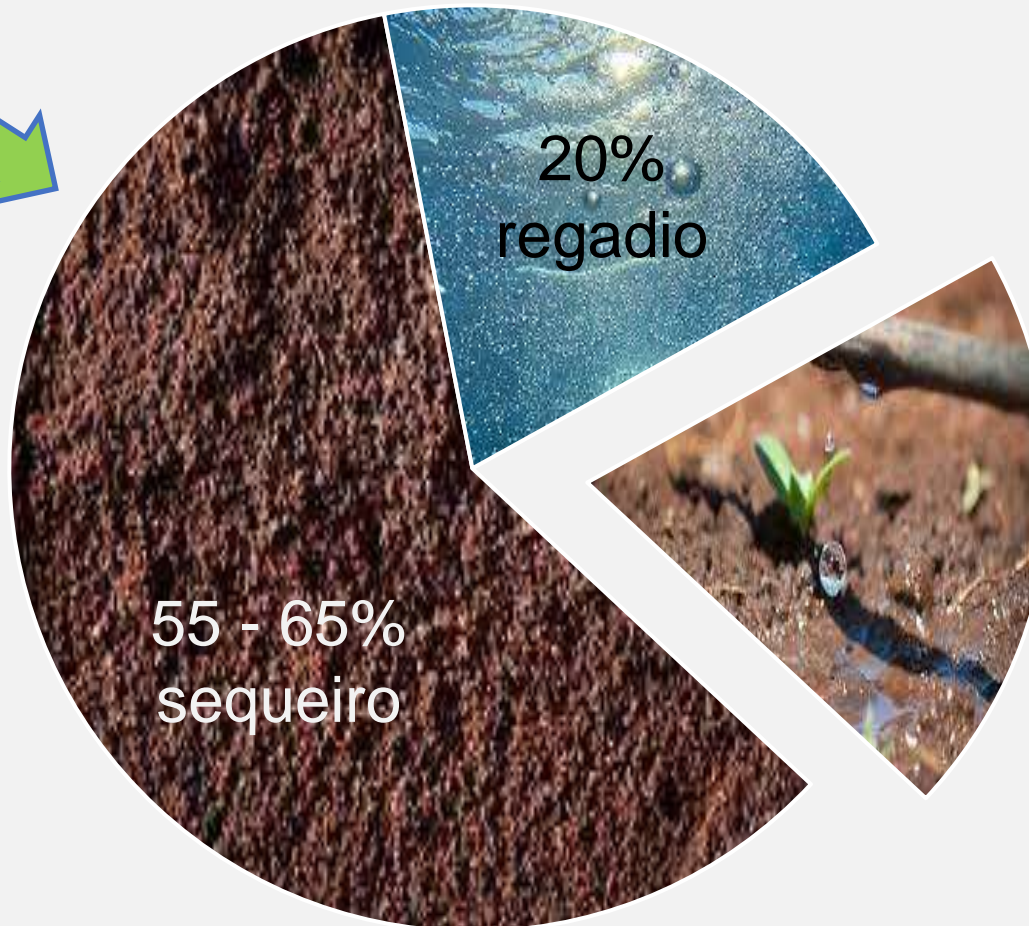
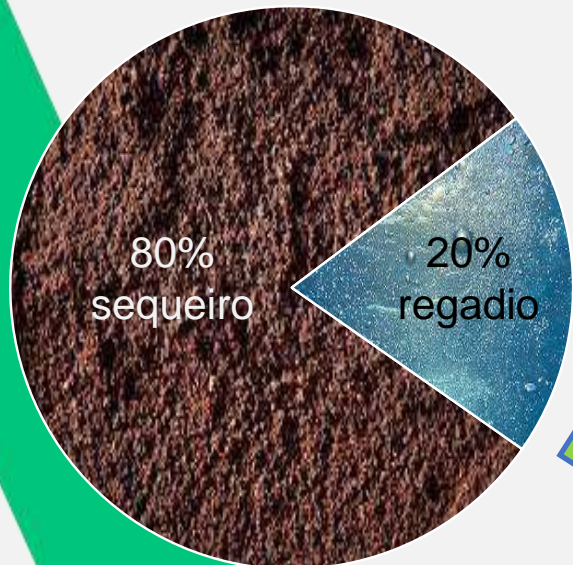
% de área agrícola regada



% de área agrícola regada

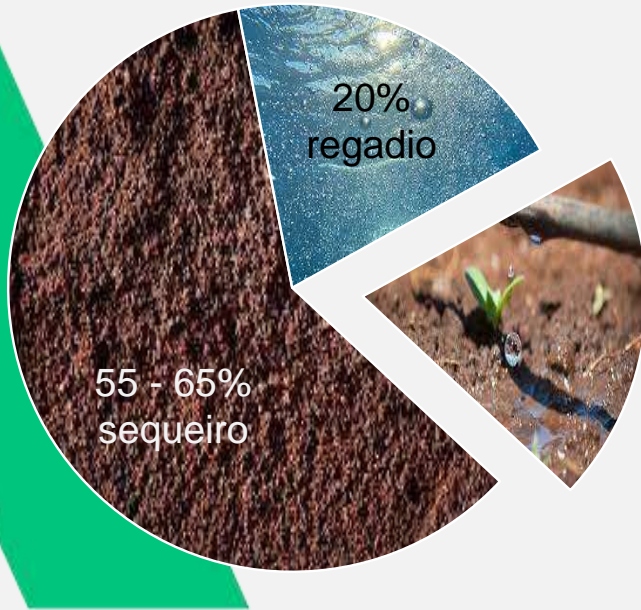
20% de área regada = 40% da produção global de alimentos

Como resolver o problema?



15 - 25%
novo
regadio

Como resolver o problema?



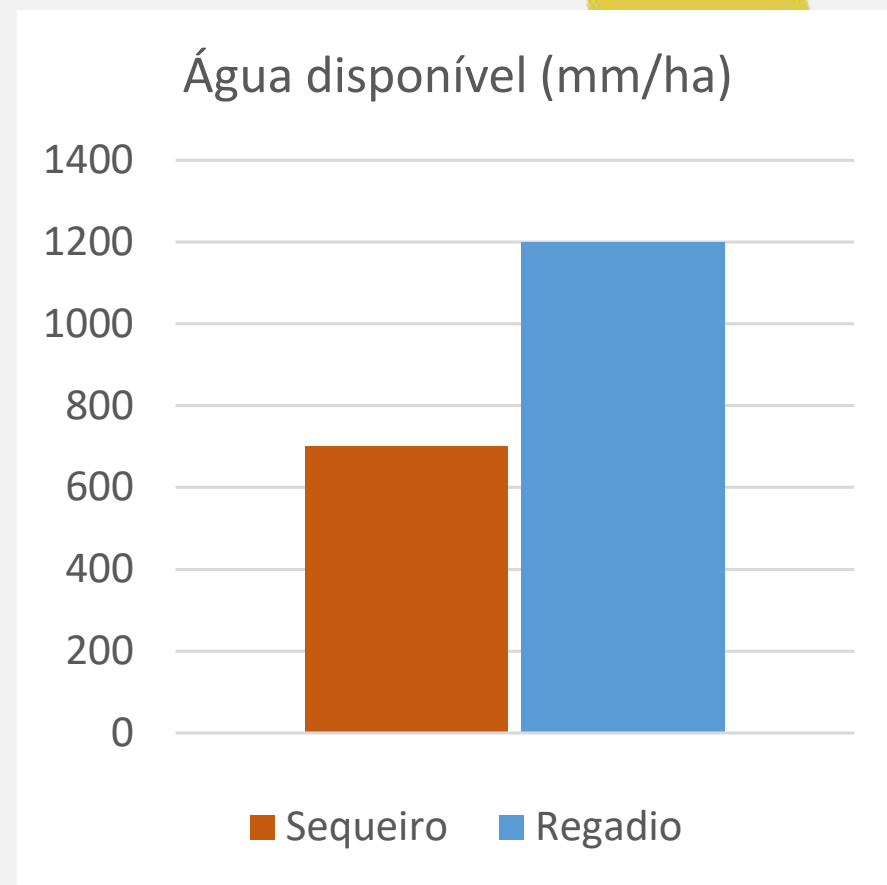
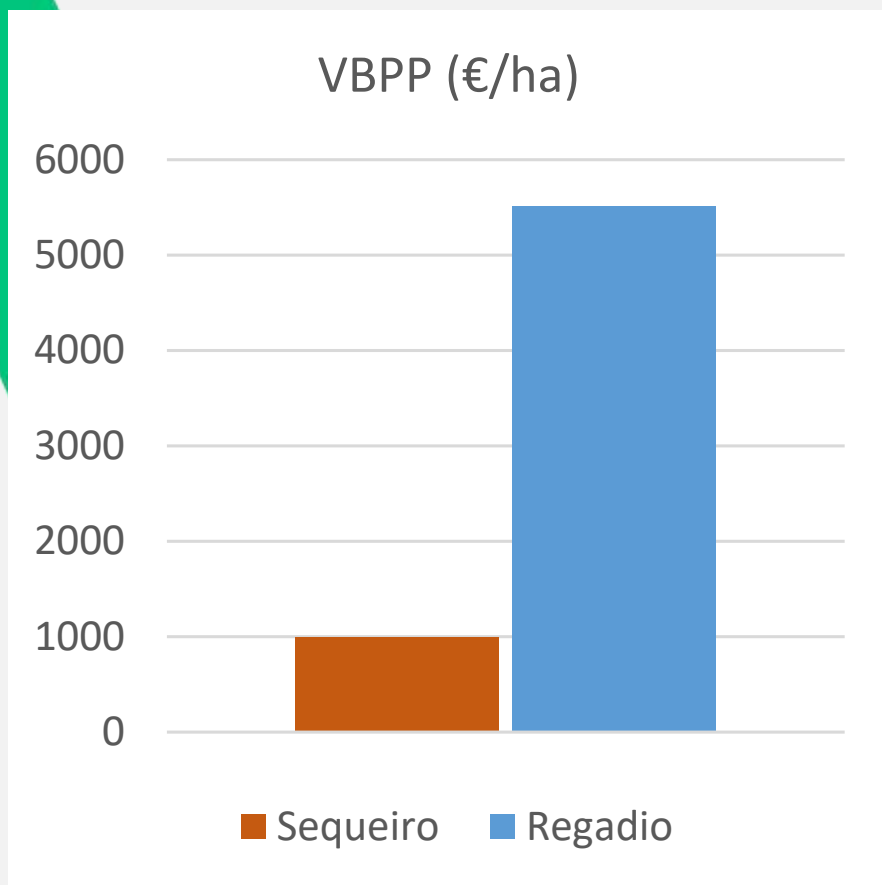
15 - 25%
novo
regadio

Aumentar a produção
de alimento em 6-8%

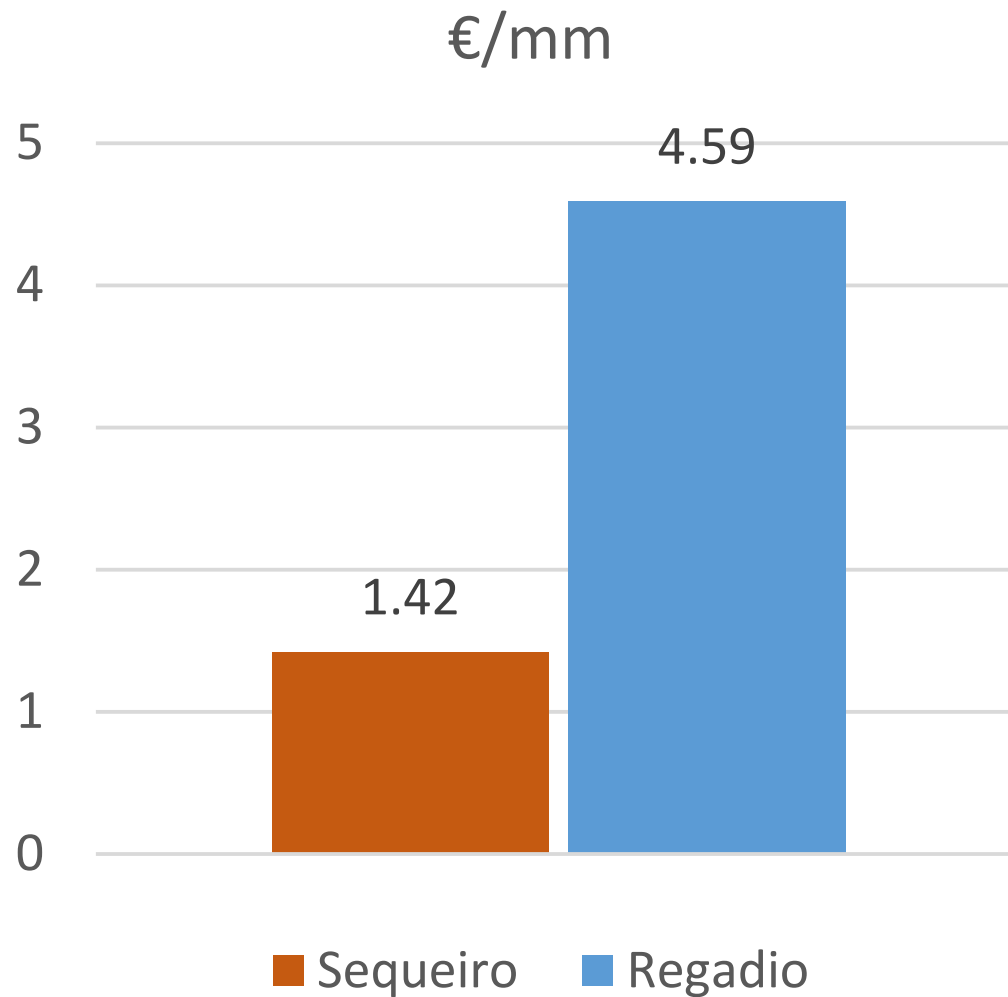
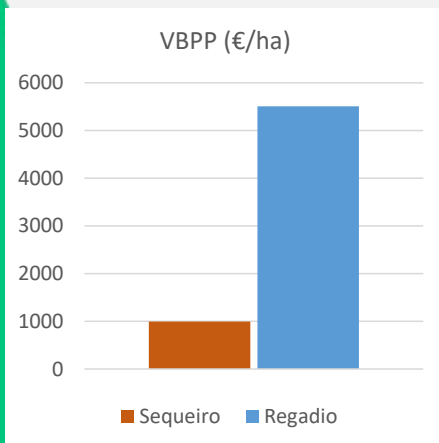
Alimentar mais
620 – 840 Milhões



Mas fará diferença ter ou não regadio?



Mas fará diferença ter ou não regadio?



Obrigado pela vossa atenção!

INSTITUTO SUPERIOR
DE
AGRONOMIA

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