



Ministry  
of Justice

# Supply chain resilience:

climate change, food and farming at the MoJ

Protecting and advancing the principles of justice




# Problem statement



It is well documented that climate change may pose risks to the UK's food security. Whilst there are contingency measures in place to abate food insecurity, it is worth exploring how prisons can become more self-sufficient and less-reliant on global supply chains by growing their own food, reducing food miles and resultant carbon emissions, as well as becoming more resilient to a changing climate where food supply chains may collapse.

**How will climate change impact food growing by Her Majesty's Prison Service?**



# Challenge question

## How will climate change impact food security in prisons?

### Potential sub-questions:

- How will climate change affect horticultural activity in prisons?
- Will growing food in prisons become challenging with climate change?
- How can new technologies for food growing help British prisons become more self-sufficient without increasing the amount of land / water or other resources?
- What foods could be a focus in the future in terms of greatest nutritional value for least land use / resource input in line with a changing climate?

### Key outputs:

- Literature review with identified gaps to explore further
- Guidance for future policy
- Presentation of the findings

# Literature review

Journals / links	Relevance
Baybutt, M., Dooris, M. and Farrier, A. (2019). Growing Health in UK Prison Settings. Health Promotion International. 34(4): 792-802. DOI: <a href="https://doi.org/10.1093/heapro/day037">https://doi.org/10.1093/heapro/day037</a>	prison-based horticulture can offer multiple benefits and make a significant contribution to the creation of safe, secure, supportive and health-enhancing environments.
Ministry of Justice. (2010). Information released under Freedom of Information Act. Reference no. 65591. Available online: <a href="https://www.whatdotheyknow.com/request/prison_farms">https://www.whatdotheyknow.com/request/prison_farms</a>	Background to prison farm closures and the role of prison farms
Vincent, L. (2016). More fruit and veg for prisoners might just alleviate the crisis in our jails. The Guardian. 13 December. Available online: <a href="#">More fruit and veg for prisoners might just alleviate the crisis in our jails   Lucy Vincent   The Guardian</a>	Good nutrition has been shown to reduce disciplinary incidents, aggression and violent behaviour.
UK Climate Risk Independent Assessment (CCRA3) <a href="#">International dimensions - Climate Change Committee (theccc.org.uk)</a> Also <a href="#">CCRA3-Briefing-Agriculture-and-Food.pdf (ukclimaterisk.org)</a>	Climate change will cause shifts in the global production of food

# Further resources



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Met Office

## Ministry of Justice Statistics

- [Statistics at MOJ - Ministry of Justice - GOV.UK  
\(www.gov.uk\)](https://www.gov.uk/statistics-at-moj)

## MET Office datasets

- [Datasets - Met Office](https://www.metoffice.gov.uk/data/accessing-data)
- [UK Climate Projections \(UKCP\) - Met Office](https://www.metoffice.gov.uk/research/ukcp)