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Regulating Innovation: the Cell-Cultivated Products Sandbox

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Who are we anyway?

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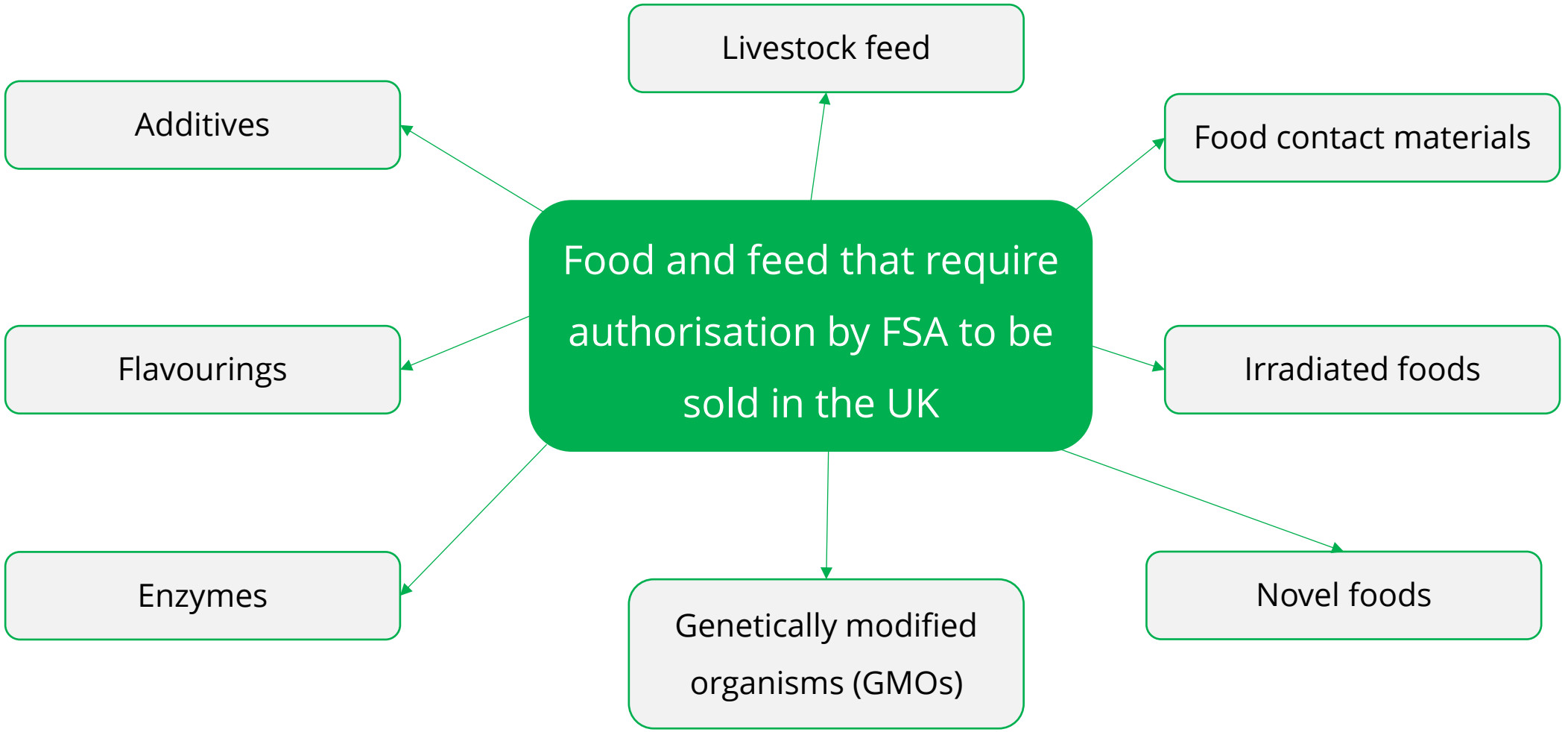
Info
prix

HYUNDAI
COSCO
HANJIN
K LINE
MAERSK

Regulated Products



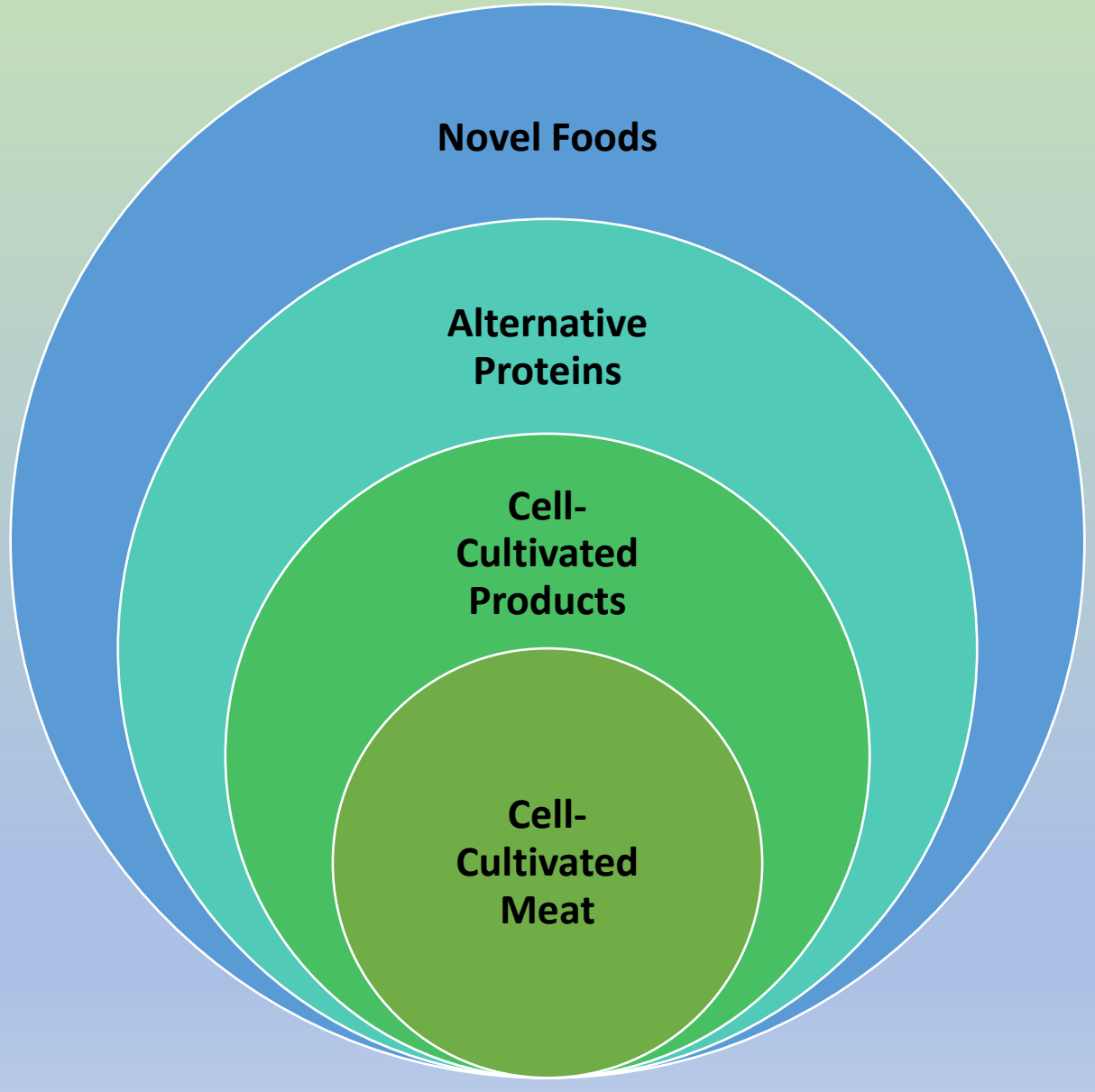
FUTURE FOODS

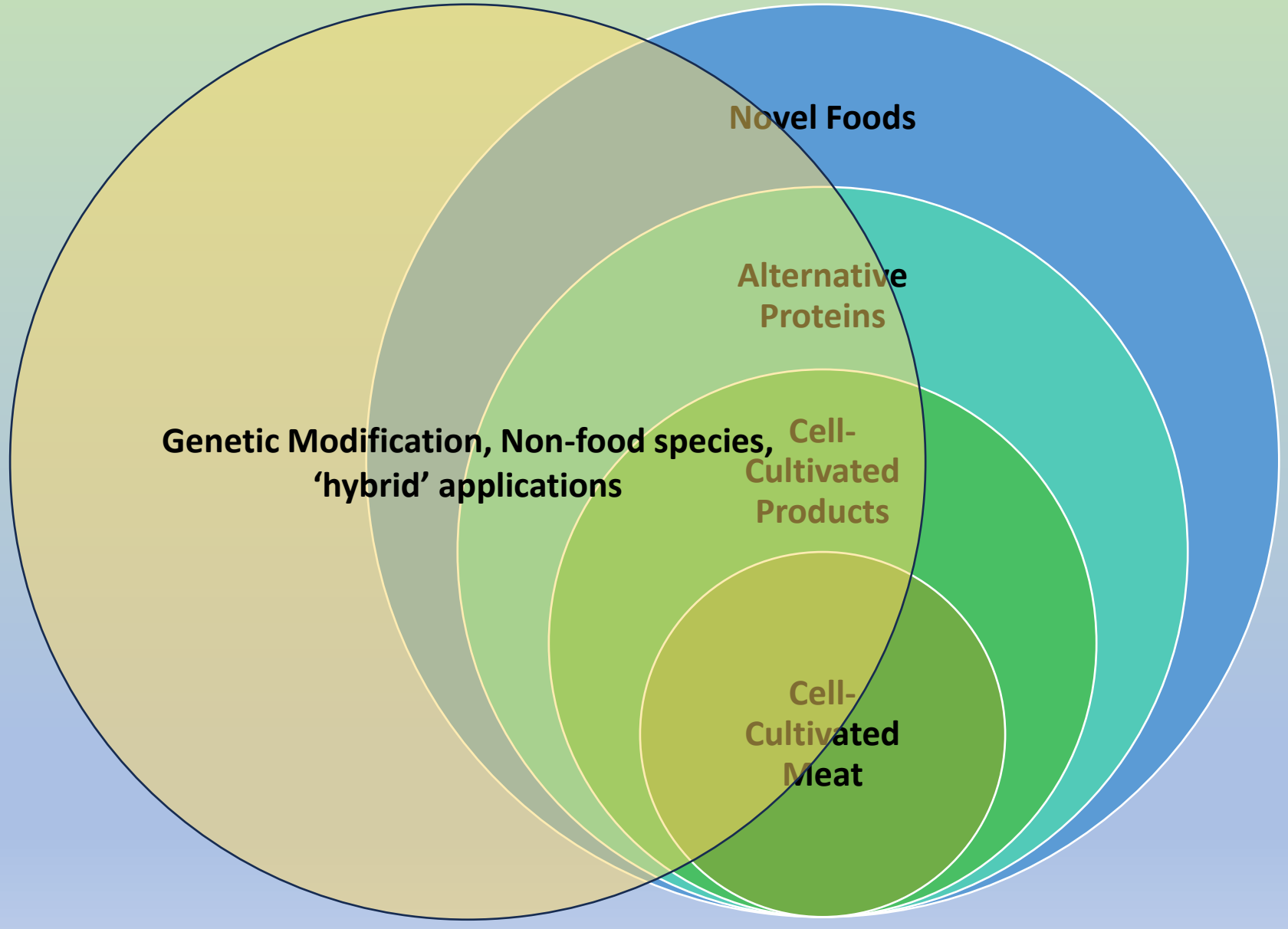
What is coming down the track?

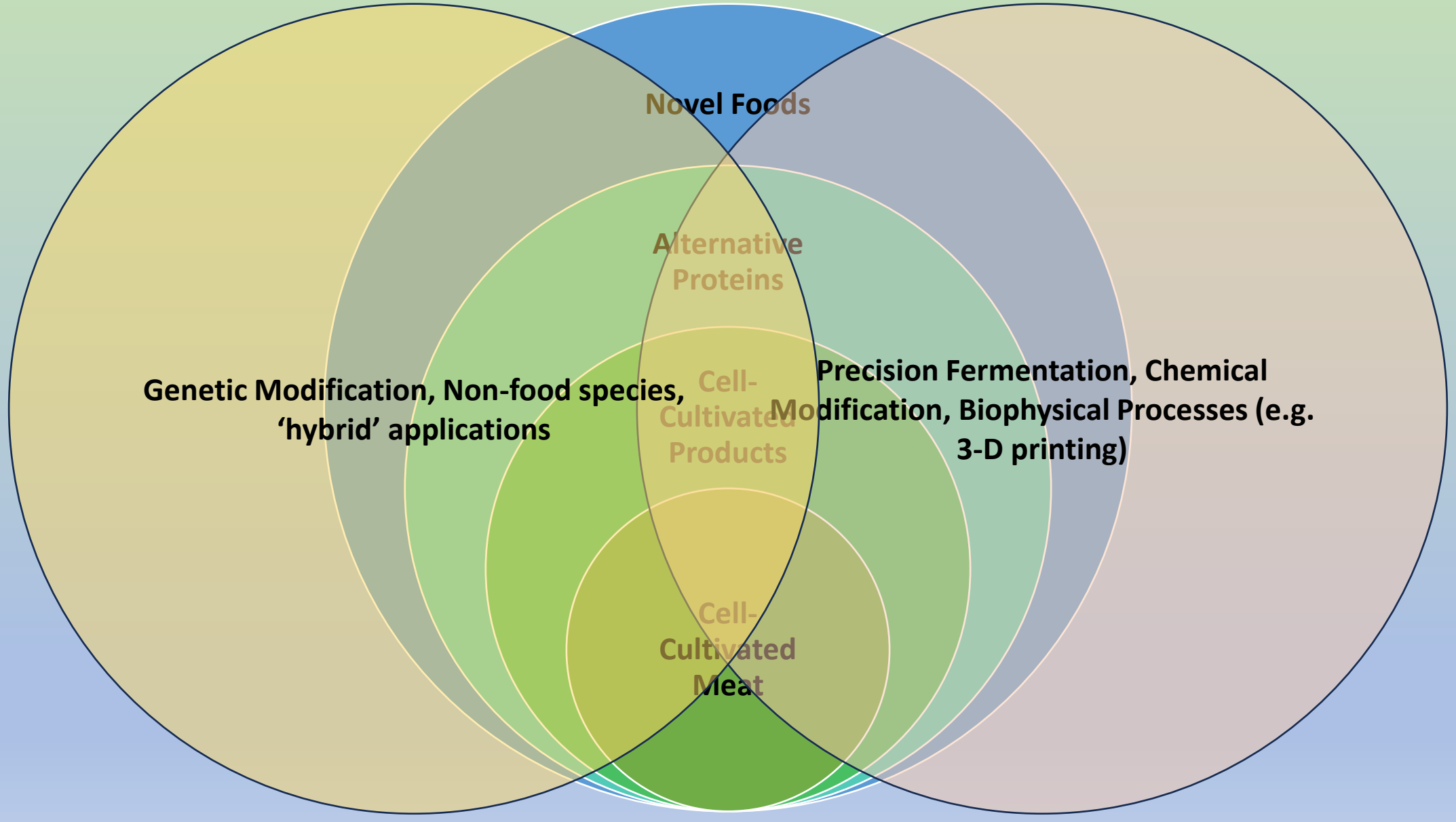
What are the challenges that we should be ready for in terms of science, regulation and enforcement?

Alternative Proteins

Cell Cultivated Products


Novel Foods
Alternative Proteins
Cell-Cultivated Products
Cell-Cultivated Meat


Novel Foods
Alternative Proteins
Cell-Cultivated Products
Cell-Cultivated Meat
Genetic Modification, Non-food species, 'hybrid' applications


Novel Foods
Alternative Proteins
Cell-Cultivated Products
Cell-Cultivated Meat
Genetic Modification, Non-food species, 'hybrid' applications
Precision Fermentation, Chemical Modification, Biophysical Processes (e.g. 3-D printing)

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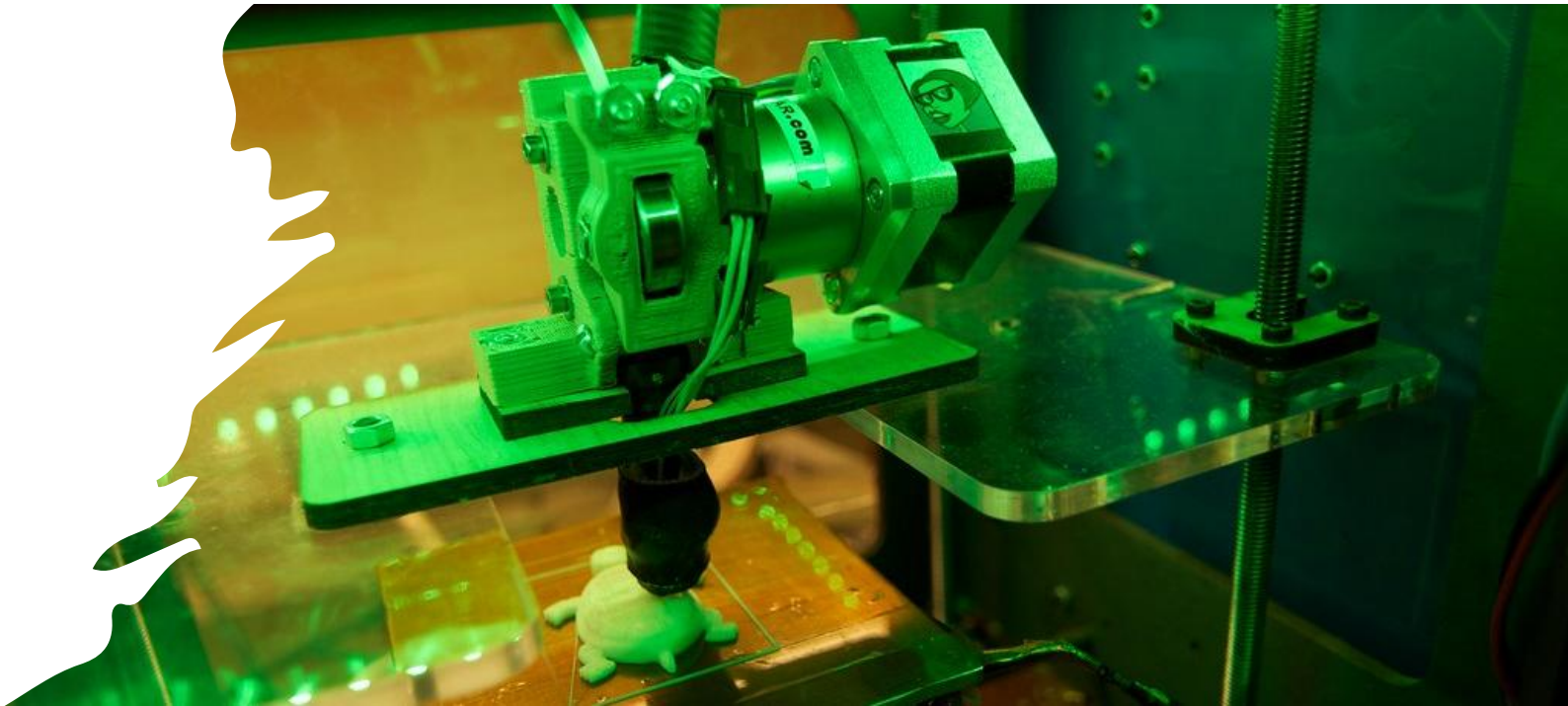
What are the big challenges?

Diversity…

Novelty…



Terminology…

Expecting the unexpected…

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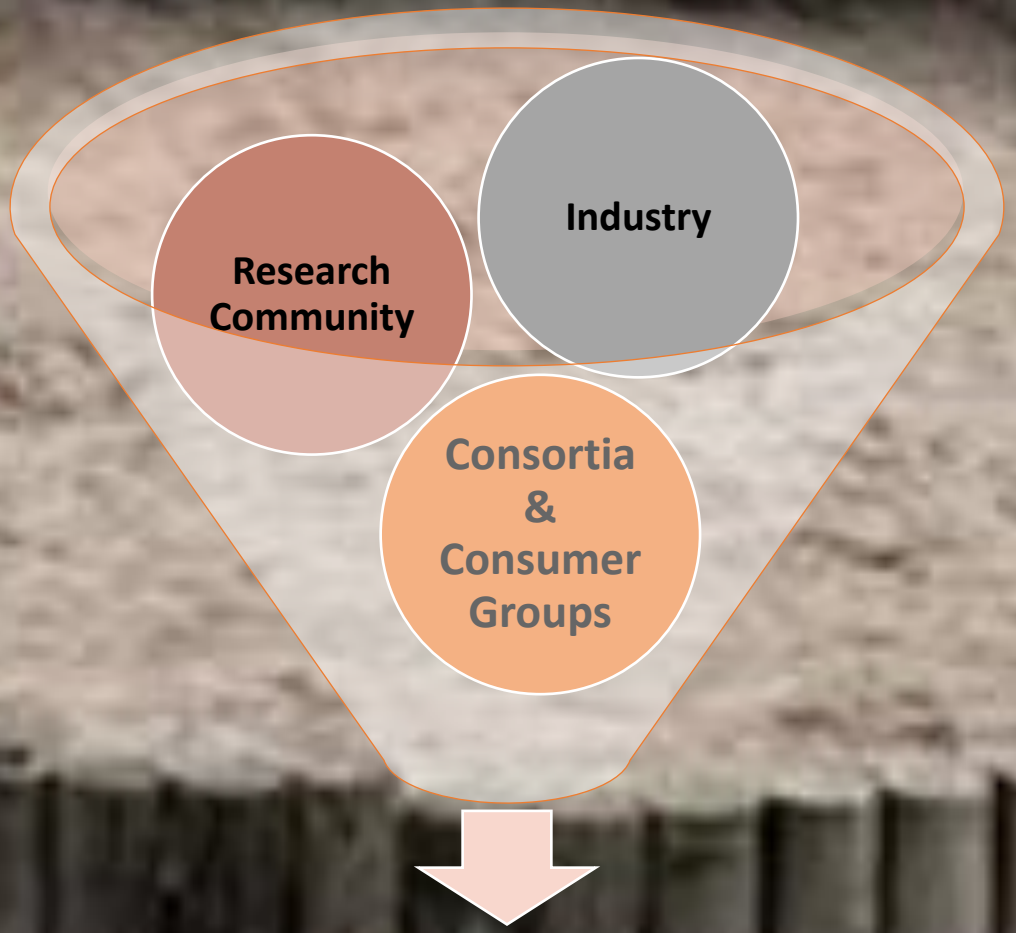
So what are we doing?

OFFICIAL-FOR PUBLIC RELEASE

Cell Cultivated Products Sandbox



New Regulatory Framework

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The Regulatory Sandbox on CCPs

- £1.6m investment, from February 2025 – February 2027.
- Eight companies, plus academic and government partners
- A series of structured, in-depth workshops to explore key regulatory challenges.

Policy development, not official policy

Our objectives

To enable the transition from lab to market and realise the commercial benefits of the public funding put into CCP research

1: Agree approaches to food safety

Agree on the common hazards that CCP companies should identify and mitigate

Agree the minimum levels of tests that companies should conduct to generate data to prove they have mitigated those risks

Agree how companies can evidence that the risks have been appropriately mitigated in dossiers

2: Address essential questions

Addressing essential questions that must be answered before CCPs can get to market (for food use, but also feed).

E.g. what labelling requirements and conditions of authorisation should be.

3: New pre-application support service

Engage with potential applications to address questions they have about their dossiers (or future dossiers).

This engagement will allow us to better understand the technology and better develop its ability to assess their dossiers.

Policy development, not official policy

CCP sandbox outputs

- Published guidance for the industry
- At least two applications going through risk assessment
- Published positions on key policy and regulatory questions
- Build strong government & international support network

Policy development, not official policy

Regulatory sandbox outcomes

Outcomes of the CCP sandbox will be:

- Increased **regulator understanding** about CCP hazards and production processes = swifter decisions on assessments
- **CCP industry** has clarity on information needed and timelines for application dossiers = improved investor confidence.
- Creation of a **scientific advisory committee** sub-group that will focus on CCP and other complex non-routine applications.

Policy development, not official policy

What we've achieved

- Validated the first two cell-cultivated products applications in June 2025. This means the applicants have provided all the required information to progress to a full risk assessment.
- Completed workshops on hygiene, production, labelling, and toxicological considerations and growth media to inform the development of business guidance.
- Six applications are going through the market authorisation system and three companies are using the CCP Business Support Service.
- Published accessible, impartial information for the public on what CCPs are and what the Sandbox programme is doing to develop its regulatory approach for these products.

…and hopefully also a model for developing ‘smart’ regulation for future areas of innovation.

Excellent progress!
Now, I wonder what we should call it on the label?

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Thanks for listening!

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