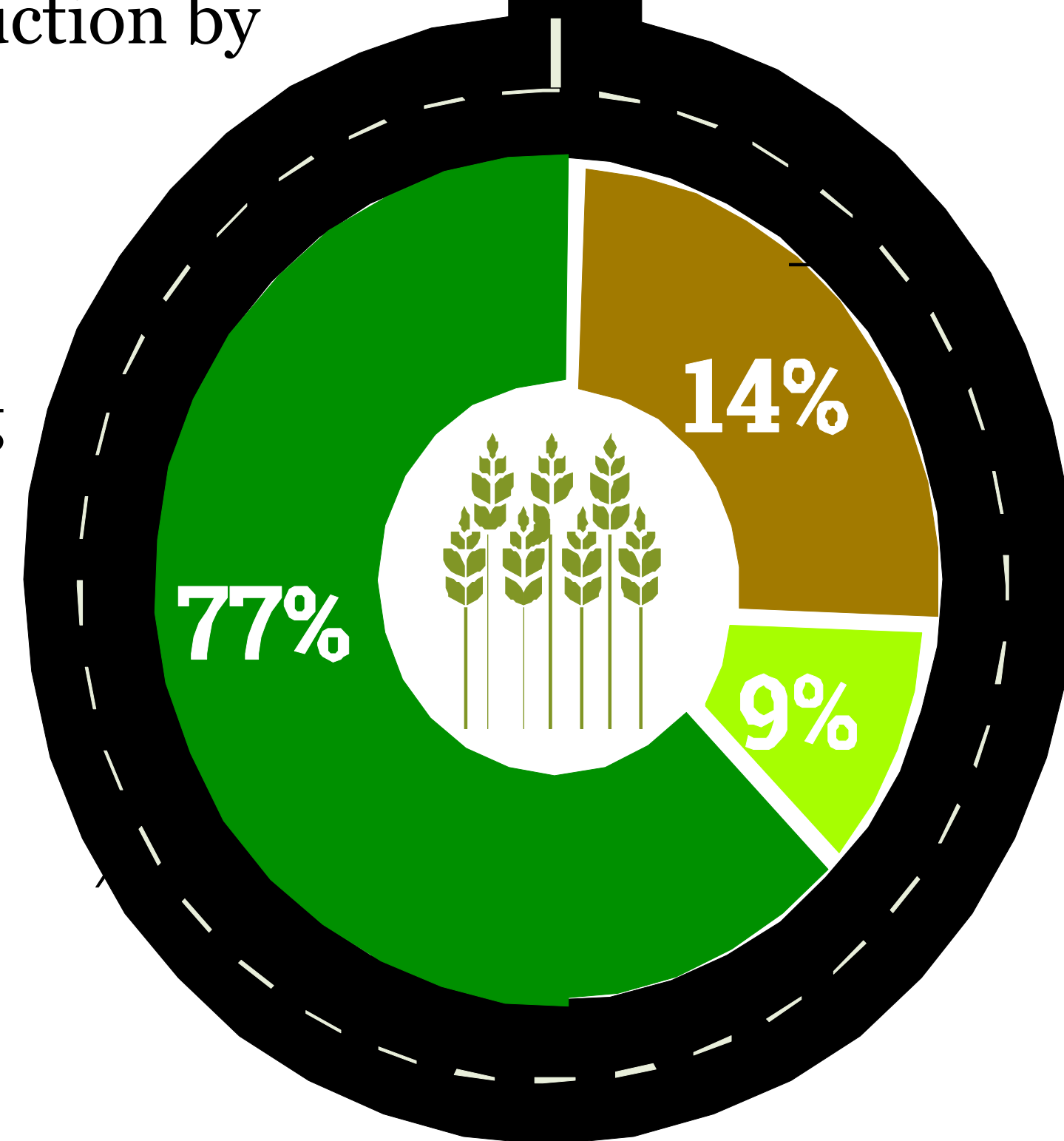


Sustainability at Fertilizer Canada

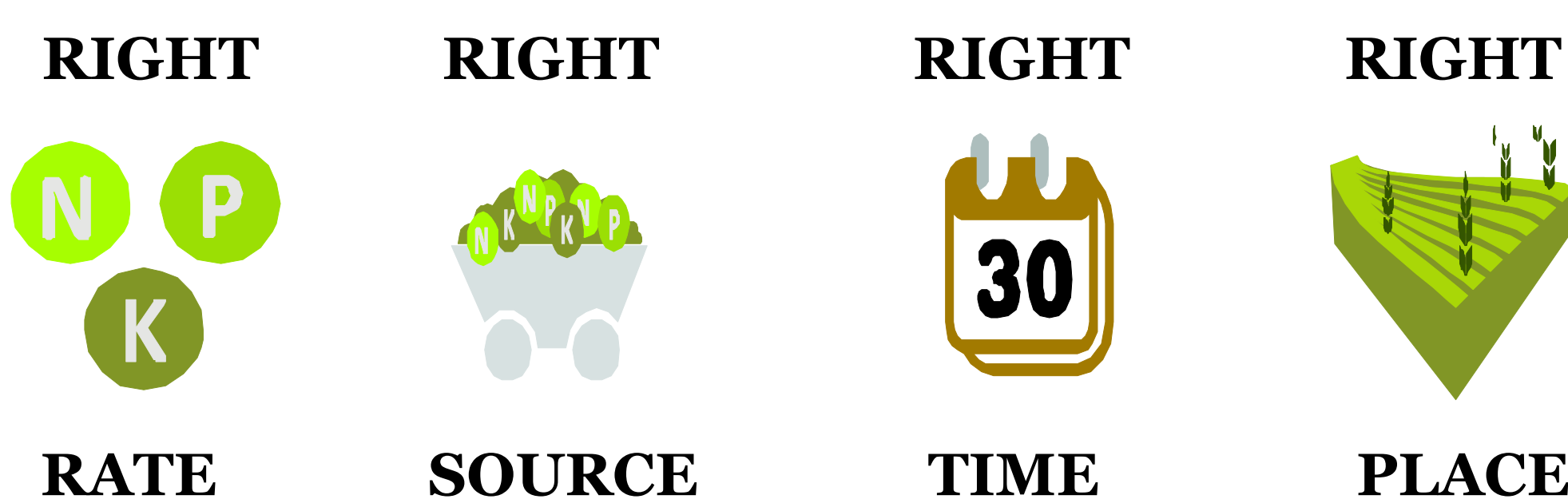
By 2050 we will need to increase the crop production by **70%**.

- Increased Yield
- Increased Cropping Intensity
- Expansion of Land Under Cultivation

77% of future growth in crop production is expected to come from increased yield.



Through its sustainable actions, Fertilizer Canada is committed to protect **soil, water and air**.

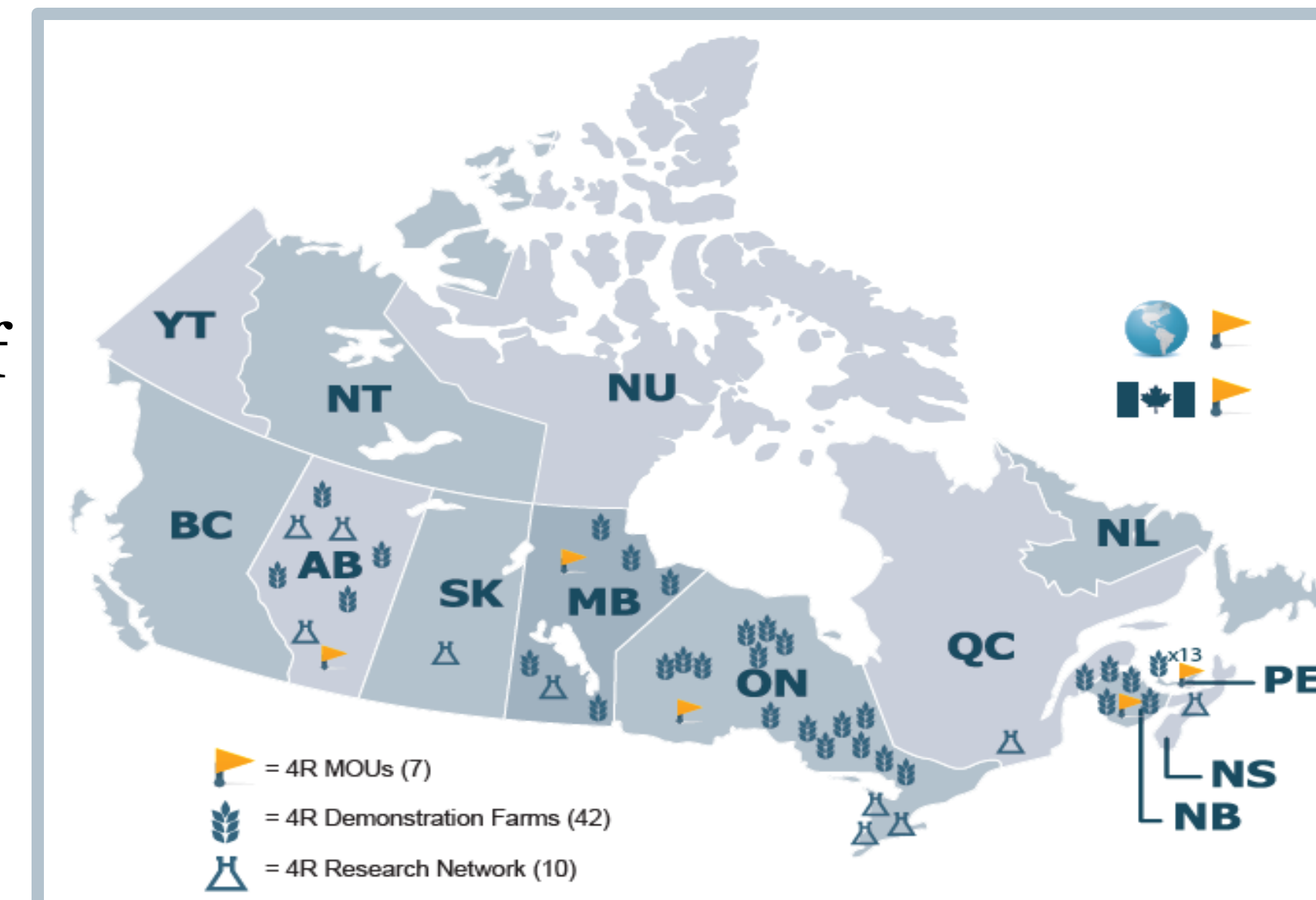


Fertilizer Canada works to empower farmers with the knowledge and resources, which they need to utilize the 4R nutrient stewardship framework.

Fertilizer Canada is an **industry association** which represents manufacturers, wholesale and retail distributors of Nitrogen, Phosphate, Potash And Sulphur fertilizers.

Canadian fertilizer industry generates **\$12 billion** annually, **12,000 jobs** and supply **12%** of the world's fertilizer.

Fertilizer Canada continues to make changes that positively impact **the environment, the economy, and the social** fabrics of Canadian life.



Fertilizer Canada's presence in Canada.

Co-op Highlight- NERP (Nitrous Oxide Emission Reduction Protocol)

Highlights of NERP

NERP can help to reduce on-farm GHG emissions from nitrogen by 15 to 25 per cent

Alberta is the world's first regulatory carbon market to approve NERP projects

NERP is a potential carbon offset protocol, well suited to be adopted by National and International cap and trade markets

Co-op Responsibilities and Accomplishments

✓ Sustainability Report



✓ Sustainability Metrics and Indicators



✓ Summary of "Agriculture GHG Program" (AGGP) report



Project Execution Framework

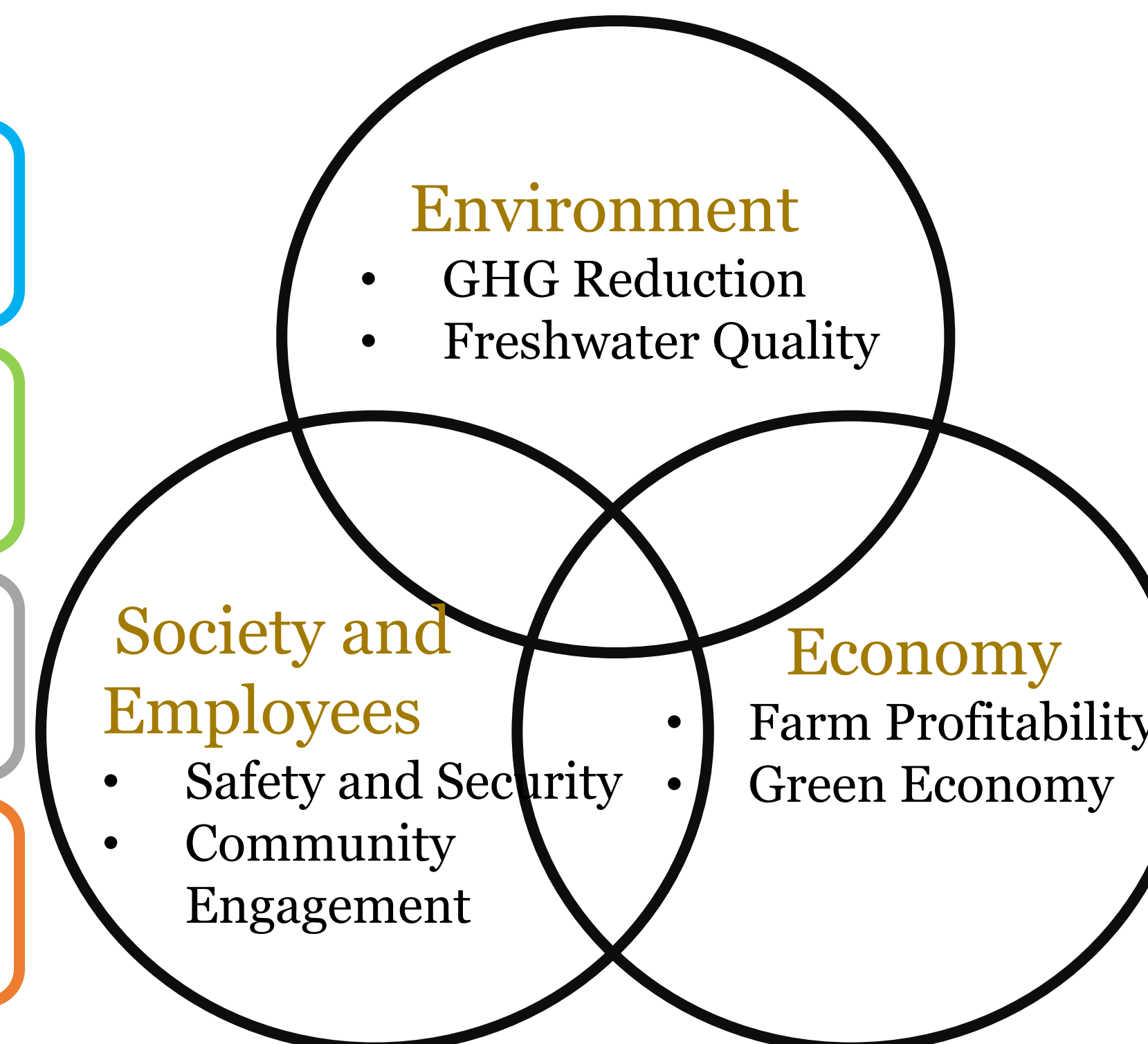
Identified organizational priorities and processes

Researched industry sustainability reporting best practices

Conceptualized sustainability report framework

Integrated sustainability initiatives taken across the organization

KPIs Areas



My Key Takeaways

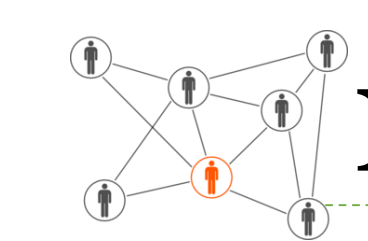


Skills

- ✓ Carbon offset projects viability analysis
- ✓ Sustainability report conceptualization
- ✓ Sustainability metrics and indicators development

Knowledge

- ✓ Insights of carbon offset market in Alberta
- ✓ Sustainability reporting trends in the fertilizer industry



Network

- ✓ Opportunity to network with diverse stakeholders of the fertilizer industry

Career field of interest

- ✓ Greenhouse Gas Accounting and Carbon Offset Market
- ✓ Sustainability Reporting