



# Sustainability index calculator



## A tool for the poultry sector that measures the sustainability of agricultural practices

KPMG in Canada's sustainability index is an online platform where poultry producers enter data to receive their sustainability score and other key performance indicators.

In addition, producers will be able to benchmark their operations against their peers and within their own operations to identify areas for improvement.

KPMG in Canada's sustainability index for poultry provides a way for producers to measure their sustainability of barn operations and identify areas for improvement by scoring key performance indicators and analyzing factors such as: Feed consumption and conversion, energy and gas consumption, water usage, and lifecycle measurement. Overall, the tool provides a comprehensive assessment of the sustainability of farming operations.

With this data, producers will also be able to determine the cost-benefit of adopting equipment to support environmental sustainability such as solar panels and rainwater collection systems.

### Welcome to Sustainability Tools!

What would you like to do today?

#### Dashboard



The Dashboard view allow users to view and compare their SI information and calculations with meaningful graphs.

#### SI Calculator



The SI Calculator will take the user through a step-by-step input process to enter their information and get an SI score.

#### My Organization



View and manage your SI accounts, farms, organization members, etc.

#### Scenario Analysis



Data estimations when Producers compare their current data in different "What-if" scenarios.

## Benefits of KPMG's sustainability index:

01

Provides a comprehensive assessment of the sustainability of poultry farming operations.

02

Measures sustainability impact and benchmarks operational data.

03

Helps farmers identify areas for improvement and implement more sustainable practices.

04

Helps producers raise sustainably grown chicken and improve efficiency of barn operations.

05

Can help farmers meet regulatory requirements and consumer demand for sustainable products.

Sustainability is becoming an increasingly important issue in agriculture. Consumers are demanding more sustainable products, and governments are implementing regulations to promote sustainable practices.

With the help of data and analytics, KPMG's sustainability index is a practical solution that can have a significant impact for businesses in the agricultural sector in their journey to building climate resilience and decarbonization – all powered by KPMG in Canada.

## Transformation enabled by technology

An agricultural revolution is underway, as new technologies transform the way we produce food and the way we consume it—triggered by the world's growing population, threats to global food security and the demand for sustainable food production. By 2041, virtually every object in our lives will be connected to the Internet. Farmers will use the lot to gain insight into their operations, improving their production capabilities to feed the planet's growing population. Bots, which will use embedded sensors to react to various environments, will eliminate manual tasks. While many manual and repetitive tasks will be eliminated, new types of jobs will emerge that support transformation enabled by technology.

Self-driving tractors and autonomous sprayers will help to seed, spray and harvest crops using a combination of GPS, sensors and imaging. The circular economy will become non-negotiable in a world where resources are finite, and the climate emergency is pressing. Innovations will allow us to use resources in new ways, producing new goods without further depleting natural resources. For example, food waste will be recycled into everything from compost and animal feed to fuel, reducing waste in landfills.

Learn more in our insights article: **Farm of the future - KPMG Canada.**

At this time this index tool is only available in English.

## How KPMG in Canada can help

Whether a farm wants to embark or expand on a technology journey, an AgTech company is looking to grow or sell, or a keen-eyed investor sees the potential in this sector, KPMG's agribusiness team and Ignition Centre can help.

### Services offered include:

- AgriStability and farm insurance planning
- Operational advisory service
- Business planning, cashflow and forecasting
- Annual financial statements and tax advice
- Climate change and sustainability
- Accounting for agriculture
- On-farm people management
- Governance, audit and assurance
- Benchmark reporting
- Succession planning
- Farm sale and purchase advice
- Carbon footprint measurement
- Certifications
- Labeling standards

## Contact us



### David Guthrie

**Partner, KPMG Enterprise & National Leader, Agribusiness**

604-793-4751

[djguthrie@kpmg.ca](mailto:djguthrie@kpmg.ca)

David is a Partner in KPMG's Enterprise practice with a focus on agribusiness, food processing, manufacturing and not-for-profit clients. Based in the Fraser Valley, David is the National Agribusiness Leader for Canada. His clients include dairy and poultry farms, horticulture/nurseries, field crops, food processors, marketing boards, as well as other owner-managed business and not-for-profit organizations. David is a past-director of the BC Food & Beverage Association, Chilliwack Mt. Cheam Rotary Club and Chilliwack Children's Foundation.