

Innovation Saskatchewan

Innovative Approaches to Water Management

Innovation Saskatchewan (IS) - Who are we?

Launched as a Special Operating Agency in Nov 2009

- Providing advice to the Saskatchewan Government → strategic direction in areas of research, development, science and technology and support for commercialization

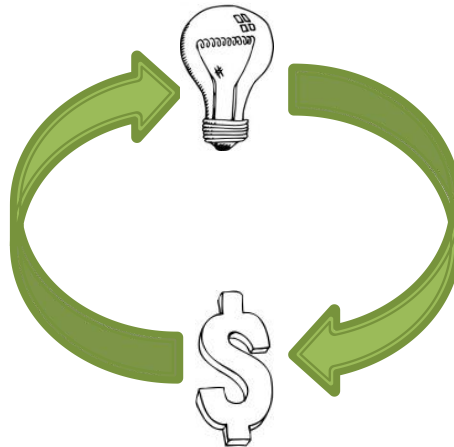
Mission

“To be an Innovation Catalyst serving the needs of individuals, companies, and institutions”

Our View of Innovation

The ***creation*** and ***transformation*** of knowledge and ideas into new products, processes and services that meet market needs

Research turns
Money into
Knowledge



Innovation
turns
Knowledge into
Money

Water is Precious



In Saskatchewan, water is a precious commodity – especially for a farm kid

Israel as an Inspiration



80% of Israel's
water comes
from
desalination or
recycled sources

Innovation Strategy

Driving Economic Growth through the
Saskatchewan Advantage

Saskatchewan Jurisdictional Advantage



SWAN is part of the innovation ecosystem of these
sectors

GIWS – Source of New Technologies

Sensors – nano(bio)technology and microfabrication underpin for lab-on-a-chip and sensor networks

Enabling real time data

Data platforms and modeling – hydrological-biogeochemical models capture evolving water and material fluxes

IT Apps – record and report observations on stream and lake quality and biodiversity

Use of remote sensing and drone technologies

Creating Synergies

IS is committed to building synergies
between GIWS and SWAN

Industrial collaborations eg. Koch
Membranes Global