kwayeskastasowin wahkohtowin
A 2050 Food System Vision for Treaty Four Territory

TREATY FOUR FOOD SYSTEMS MAP

wahkohtowin
EVERYTHING RELATED

kwayeskastasowin
MAKING THINGS RIGHT

AUTHENTIC SPIRITUAL-CULTURAL RENEWAL

PRAYER/MEDITATION CEREMONY

DECOLONIZATION PROCESESS

ECOLOGICAL TRANSFORMATION

SCIENCE RESEARCH

INDIGENOUS KNOWLEDGE SYSTEMS

Scientists

Elders

RELATING LANDSCAPES TO INSCAPES

SOCIAL TRANSFORMATION

PROPONENTS

Artists

INCORPORATE THE ARTS

Individuals

Communities

Institutions

Governments

CULTURE

TRAINING INSTITUTE

BUILD CAPACITY

Children

CHILDREN'S EDUCATION

Youth

JUNIOR YOUTH EMPOWERMENT

YOUTH/ADULT STUDY CIRCLES

Families

CULTIVATE SERVICE ORIENTATION

YOUTH YEAR OF SERVICE

BUILD UNITY OF THOUGHT

ELEVATING CONVERSATIONS

Faith Communities

ELEVATING PUBLIC DISCOURSE

CULTURE OF CONSULTATION

NEIGHBOURHOOD/ VILLAGE CENTRED

ARENAS OF DEMOCRACY

TRANSFORMING GOVERNANCE

NONPARTISAN

INDEPENDENT OF VESTED INTERESTS

EMPOWERING CIVIL SOCIETY/NGOS

Citizens

BUILD CACPACITY FOR EFFECTIVE SOCIAL ACTION

ACTION/REFLECTION PROCESSES

EFFICIENCIES

DEMATERIALIZATION

VOLUNTARY SIMPLICITY

DEMAND SIDE MANAGEMENT

CENTRALITY OF AGRICULTURE

ZERO TILLAGE SYSTEMS

Engineers

CONTROLLED TRAFFIC

ADVANCED MECHANICAL AGRICULTURE

EFFICIENT MACHINERY

PRECISION BIO-AGRICULTURE

DRONES REMOTE SENSING

BIG DATA

DRIP IRRIGATION

TECHNOLOGY

ON-FARM ENERGY SYSTEMS

BIOENERGY

ADVANCED BIOLOGICAL TECHNOLOGIES

Soil Scientists

Plant Scientists

ADVANCED SOIL TESTING

ADVANCED SOIL SCIENCE

LIVESTOCK ROTATION

COMPOST SCIENCE

BIOCHAR

ENHANCE SOIL MICROBIOME

MANAGE LIVESTOCK URBAN WASTE

SOIL WATER STORAGE

SOIL ORGANIC MATTER/CARBON

Farmers Researchers

ADVANCED CROP SCIENCE

NEW CROP DEVELOPMENT

FRUIT/NUT DEVELOPMENT

VALUE ADDED PROCESSING

GREENHOUSE GROWING

BLOCKCHAIN

INTEGRATED CROP MANAGEMENT

NON-CHEMICAL WEED CONTROL

COVER CROPS MULCHES

PERENNIAL POLYCULTURES

WINTER PRODUCTION

DIET

PROVIDING CULTURALLY-SIGNIFICANT FOODS

Elders

SUPPORT TRADITIONAL INDIGENOUS FOOD SYSTEMS

Food Scientists

UPDATE COUNTRY FOOD LAWS

HIGH QUALITY ANIMAL PRODUCTS

INCREASE NUTRIENT DENSITY

DECREASE PESTICIDE LOAD

PLANT SLANT DIET

PRIORITIZE LOCAL PRODUCTION & PROCESSING

BUILD LOCAL MARKETS

NEIGHBOURHOOD FOOD COOPS

Entrepreneurs

BUILD URBAN FOODSHEDS

Urban Growers

Indigenous Leaders

PRIORITIZE INDIGENOUS ECONOMIC DEVELOPMENT

RESOURCE SHARING

FOOD SOVEREIGNTY

ECONOMIC DIVERSIFICATION

REGIONAL MARKET DEVELOPMENT

VALUE ADDED FOOD PROCESSING

SUPPORT IN-MIGRATION

Economists

RECRUIT IMMIGRANT FARMERS

INCREASE FARM SHARE OF FOOD DOLLAR

Governments

PAYMENTS FOR ECOLOGICAL SERVICES

APPROPRIATE TAXATION

FAIR WEALTH DISTRIBUTION

TRANSFORM FARM SUBSIDIES

IMPROVED MEASURES OF WELLBEING

ECONOMY

PRIORITIZE LOCAL/REGIONAL FOOD SYSTEMS

DEVELOP URBAN FOODSHEDS

URBAN FARMING INCENTIVES

EMPLOYMENT PROGRAMS

RURAL EMPLOYMENT INCENTIVES

ENTREPRENEURIAL SUPPORTS

Entreprenuers

RURAL BUSINESS INCENTIVES

ECOLOGICAL MANAGEMENT & RESTORATION

Communities

LOCAL TOURISM

Indicates Stakeholders

ECOSYSTEM FUNCTION FIRST

RESPECT CARRYING CAPACITY

Ecologists

GRASSLANDS/PARKLANDS CONSERVATION/RESTORATION

GOAL: 50% LAND CONSERVED

CONSERVATION MEASURES

ENVIRONMENT

CONNECTING CONSVERVATION LANDS

WETLAND MANAGEMENT/RESTORATION

WATERSHED MANAGEMENT

SNOW MANAGEMENT

INCREASE BIODIVERSITY

INCREASED COUNTRY FOODS

ACCESS TO TRADITIONAL FOODS/MEDICINES

INDIGENOUS LAND MANAGERS

LAYERED LAND TENURE

RESPECT TREATY RIGHTS

SHARED ACCESS TO COMMUNITY PASTURES

ALL TREATY PEOPLE

TREATY LAND ENTITLEMENTS

LAND TRUSTS

CARBON SEQUESTRATION

AGROECOLOGY REGENERATIVE FARMING

CROP ROTATIONS

VEGETATIVE GROUND COVERS

PERENNIAL CROPS

GENETICS

PERMACULTURE AGROFORESTRY

IMPROVE SOIL QUALTIY

ENHANCE SOIL BIOME

LIVESTOCK

ROTATIONAL GRAZING

INTEGRATIVE MANAGEMENT

INFILTRATION OF PRECIPITATION

COMPOSTING

URBAN ORGANIC WASTE

FARMERS RANCHERS AGROLOGISTS

LOW EMISSION FOOD SYSTEMS

MITIGATE & ADAPT TO CLIMATE CHANGE

DISTRIBUTED RENEWABLE ENERGY SOURCES

ELECTRIFICATION OF FARM MACHINERY

Engineers

Planners

VILLAGE/TOWN REVITALIZATION

Communities

RURAL REVITALIZATION

SUPPORT SMALL FARMS

PRAIRIE FARM RESILIENCE ADMINISTRATION

GREEN PAYMENTS TO FARMERS

Environmental Scientists

ELIMINATE PERVERSE SUBSIDIES

ENVIRONMENT

IMMIGRATION

POLICY

All Treaty People

DECOLONIZATION

TREATY RIGHTS

RESOURCE SHARING

PROMOTE INDIGENOUS WORLDVIEWS

ATTRACT YOUTH TO RURAL COMMUNITIES

FOOD SYSTEM EDUCATION

PROMOTE FARMING CAREERS

Healthcare Professions

NUTRITION EDUCATION

PREVENTIVE HEALTHCARE

INCENTIVES & SIN TAXES

Educators

EDUCATION

ECOLOGICAL EDUCATION

Citizens

GRASSROOTS PARTICIPATORY ACTION RESEARCH AND EDUCATION

UNIVERSAL VALUES EDUCATION

ANTIRACISM EDUCATION

BUILD CAPACITY FOR COMMUNITY SERVICE

ELEVATE PUBLIC DISCOURSES

ENHANCE CONSULTATIVE PROCESSES

NONPARTISAN MODELS

GOVERNANCE

Governments