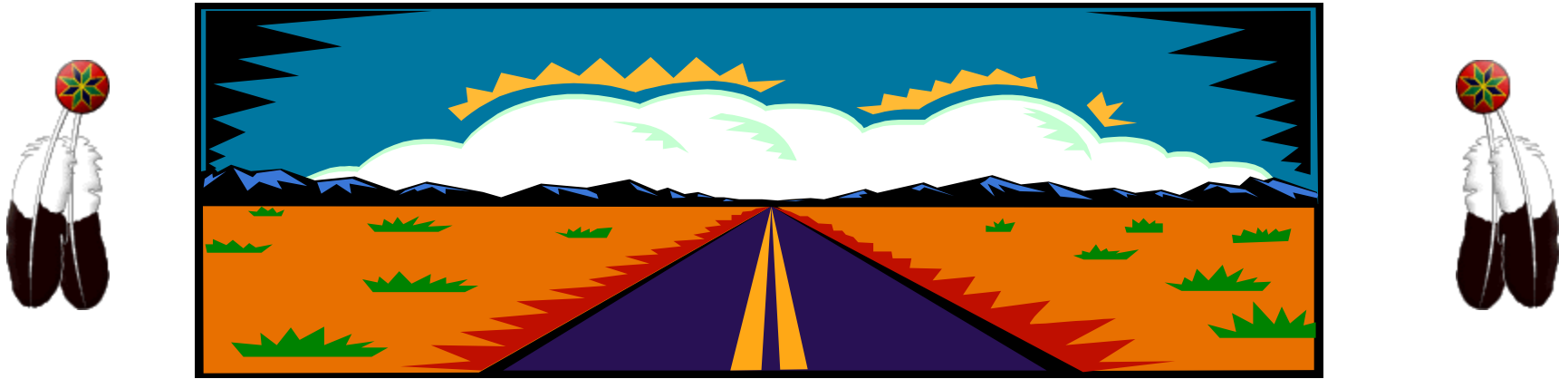# Land Data for Promoting Indian Business and Homeownership On Indian Lands

Why is Land Data critical to Indian Business and Home Ownership ?

July 9, 2018
Mystic Lake Center.
2400 Mystic Lake Blvd. Prior Lake, MN
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Introduction

- Sovereignty
- Erosion of Tribal (Nation) & Issues
- **Data basics**
- Example Data
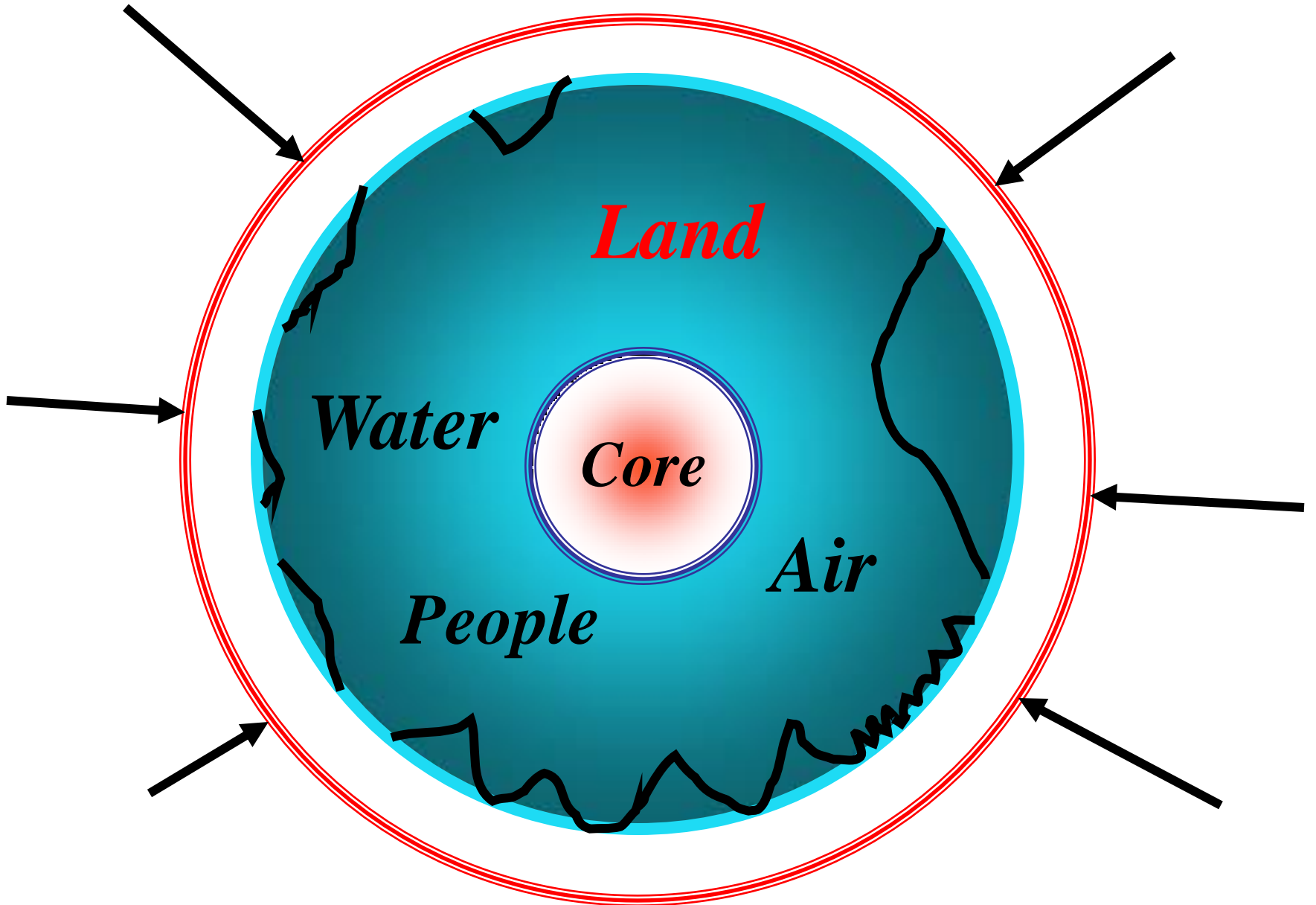- Common Bonds
- Land & Data Agenda
- Challenge

Sovereignty Defined

- Autonomy
- Dominion – Rule, power, control
- Freedom
- Independence
- Self-government, Self-rule
- Self-sufficiency
- Supreme

Pueblo Sovereignty

Erosion of Tribal Sovereignty

- Attack on Tribal Sovereignty has been on going for hundreds of years in US
- Federal level, state level, local government level
- **Land issues**
- Water issues
- Mining development
- Impact on traditional cultural sites

Issues Facing Tribes in General

- Infringement and attack on Tribal Sovereignty
- Healthcare/Education
- Funding level diminishing in all areas of need
- Sacred ways, sites, other related
- Economic Development
- Housing

- **Environment (air, water, land, people)**

Definition of DATA

- The information being collected is called data. noun. Data is defined as <u>facts or figures</u>, or <u>information</u> that's stored in or used by a computer.
  - An example of data is information collected for a research paper.
  - An example of data is an email
- Data is a set of values of qualitative or quantitative variables. Data and information are often used interchangeably; however, the extent to which a set of data is informative to someone depends on the extent to which it is unexpected by that person.

What we think when DATA is mentioned??

- Tribal Enrollment/Census
- Voter registration
- Student population
- Tribal acreage
- Tribal roads
- Water /Water water needs
- Electrical needs
- Communications
- Homeownership
- Healthcare
- OTHER

Example of DATA Categories

- Access to all information commonly used, plus custom analysis and extended data that can't be found elsewhere. Robust searches, integrated Google Earth™ mapping services, and a friendly GIS interface enable you to research up-to-date and audited data such as:
  - Records of Survey
  - Subdivision Plats
  - Pre-Plat Applications
  - CP&Fs
  - Building Permits
  - Parcels
  - Vacant Lots
  - Tribal Zoning
  - Hydro Lines
  - Traffic Counts
  - FEMA Data
- ...and much more!

Other Tribal Nations Data
(Taken from BIA website)

Indian Lands datasets are difficult to correctly interpret, so seek resources to aid understanding. Other data sharing limitations to Tribal Nations data selection and thematic content are listed below:

- **Tribal Nations Data**
  - BIA Indian Lands Dataset
  - Indian Land Areas Judicially Established 1978
  - Other Data Supporting Tribal Climate Resilience
- Generally, climate data by themes here can be used by Tribal Nations in similar ways to other communities throughout the United States, except for differences in data selection and emphasis based on cultural values, experience, and unique ties to lands and resources:
- Artic Theme – Related data, tools, and featured content here may assist Alaska Native communities, which comprise 229 of the 567 federally recognized tribes (about 40 percent).

DATA Examples
(From BIA Website)

- Coastal Flooding Theme– Related data, tools, and featured content here may support Tribal Nations, Pacific Islanders, State tribes, and other communities living along the nation's coast to contend with forced relocation and other climate-related challenges associated with growing storm surge and coastal flooding as sea levels rise.

- Ecosystem Vulnerability – Related data, tools, and featured content here may help Tribal Nations address climate impacts to the integrity and stability of ecosystems, which alters the processes, timing, and location of subsistence and cultural resources upon which Tribal Nations traditionally depend.

- Energy Infrastructure – Related data, tools, and featured content here may assist Tribal Nations protect vital infrastructure on Indian Lands. The Mitigation subtopic of Tribal Nations in the U.S. Climate Resilience Toolkit also describes how Tribal Nations are altering energy production and usage practices to reduce the causes of climate change to lessen the severity of impacts experienced.

- Food Resilience – Related data, tools, and featured content here may address climate change impacts on Tribal Nations' access to local, wild foods and medicines and traditional farming and ranching practices.

DATA Examples (Cont)

- Human Health – Related data, tools, and featured content here may assist Tribal Nations address dietary changes, diseases, and mental health issues stemming from abrupt climate-related impacts on unique lifeways, which in the past tended to evolve more slowly over millennial.

- Transportation – Related data, tools, and featured content here may assist Tribal Nations adjust to changes in access to shifting traditional resources and infrastructure impacts of extreme events and sand dune movement. This theme may also help address climate impacts experienced by Alaska Native Communities used to traveling on frozen lands and seas to hunt, fish, and gather wild foods.

- Water Theme – Related data, tools, and featured content here may assist Tribal Nations address climate-related water quality and quantity impacts on drinking water supplies, food, cultures, ceremonies, and traditional ways of life.

- Education Related – student populations, schools attended, school performance, college prep, college students, majors, etc.

Locations of LandTitles and Records Offices

*   If the Indian land is located on one of the following Indian reservations listed below, go to the Tribal LTRO instead of the region's LTRO.

For Indian Land Located in the Following Region	Go to the LTRO at the Following Location
Alaska	Anchorage, AK
Eastern	Anadarko, OK
Eastern Oklahoma (includes the Osage and Miami Agency)*	Muskogee, OK
Great Plains	Aberdeen, SD
Midwest	Ashland, WI
Navajo	Albuquerque, NM
Northwest*	Portland, OR
Pacific*	Sacramento, CA
Rocky Mountain	Billings, MT
Southern Plains	Anadarko, OK
Southwest	Albuquerque, NM
Western*	Albuquerque, NM

Tribal Improved DATA

- Define/Assess <u>all</u> Data needs Specifically
- Who owns the data?
  - Determine ownership (tribal)
    - (Tribal Data SOVEREIGNTY)
- Establish guidelines/ordinances for all data
- Determine & Deploy Resources needed
- Seek out all tribal related data
- Employ TECHNOLOGY
- Involve Tribal Businesses and Tribal Entrepreneurs

Tribes and Factors to Be considered
(The Common Bond)

- Education
- Youth development
- Community Development
- Capacity building
- Workforce development
- Infrastructure development
- Self Determination/Sustainability
- Tribal government-Self Governance

Tribes and the Common Bond

- PLANNING IN ALL EFFORTS listed in previous page
- Strategic Planning
- Land Use Plans & Development Planning
- Infrastructure development
- Business Planning
- Entrepreneur Planning
- Employ TECHNOLOGY
- DATA NEEDS as related in all areas

Moving Land related Agenda Forward

- Involve all stakeholders with Tribal Leaders engaged
- Enhance tribal voice on all land issues
- Raise awareness of land issues to key decision makers
- Develop DATA Base capability/Employ Technology
- Track & Analyze all data and related issues
- Develop & Coordinate Policies, IMPLEMENT
- Educate and inform all stakeholders
- Research funding options
- Maximize efforts of other Tribal business opportunities
- Strengthen communications between tribes, state/federal agencies,
- Develop PARTNERSHIPS with other Tribal & Non tribal organizations; I.e. consortiums, NCAI
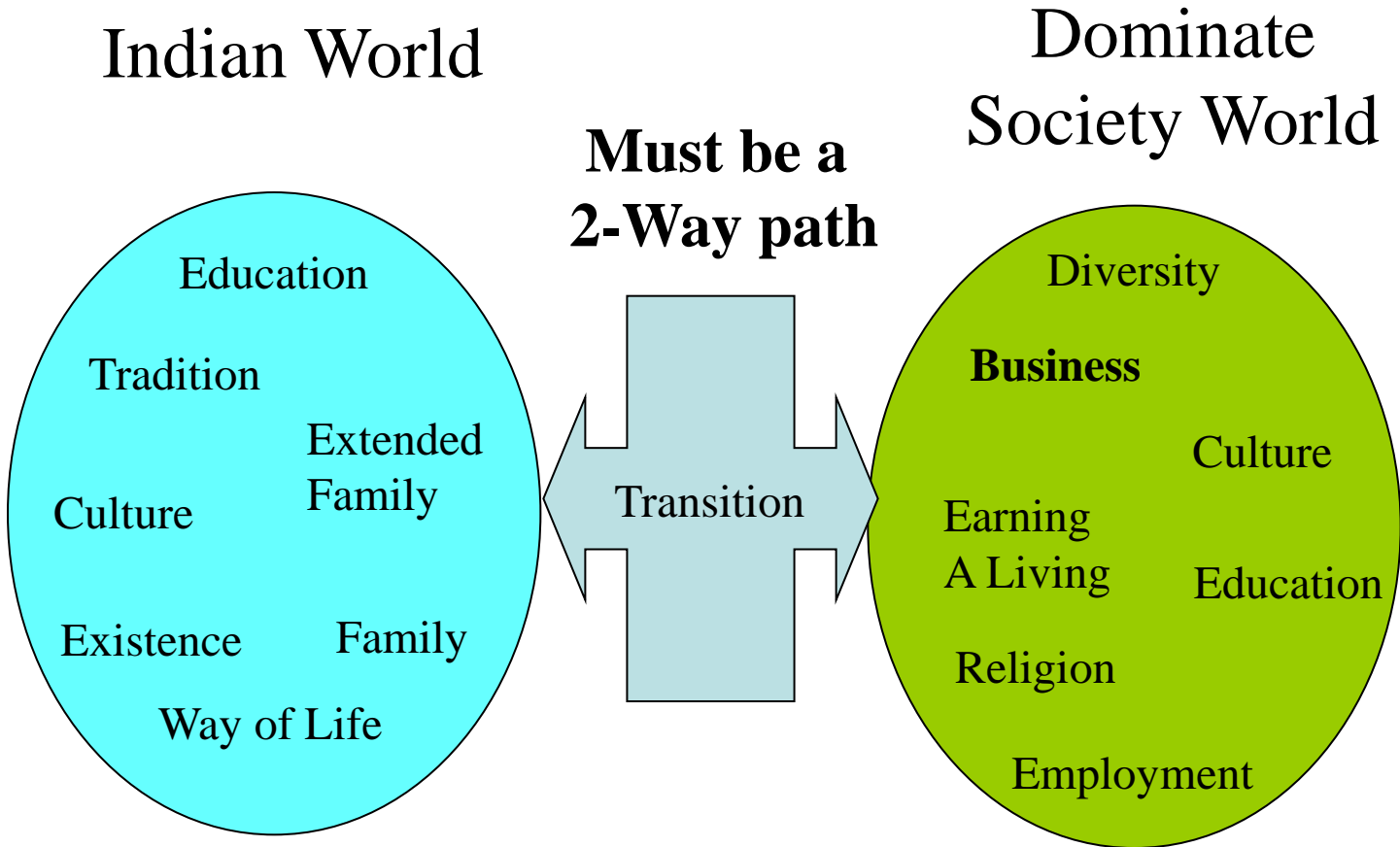
Role of Tribal Leaders

- Leaders must play a greater role than ever before to guide our people to live their lives to the fullest
- Ensure a healthy, safe productive life for our children for the next 7 generations
- Ensure the survival of our way of live; languages, our culture, traditions,
- Practice what you preach & always be respectful
- Guide/protect your people from the evil forces of the world
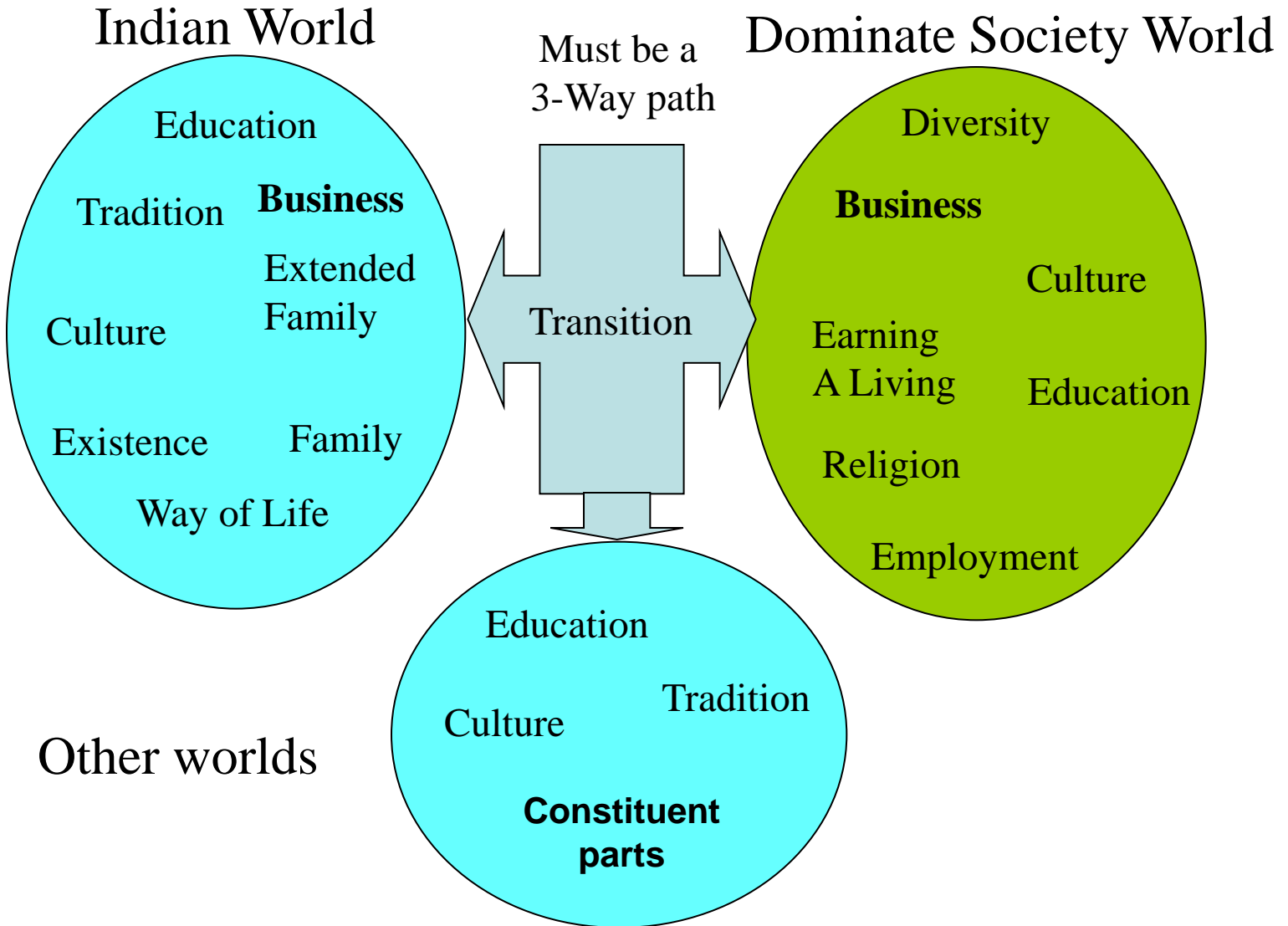- Protect Mother Earth

Our Roles

- A Government exists to provide for its people; health, safety, clean environment, overall –> provide for well being of its members
- Diversity defined = assortment, multiplicity, range, miscellany, mixture, variety
- Culture defined – background, civilization, customs, ethnicity, mores, society, tradition, *WAY OF LIFE*
- How then does all of this play a role when it comes to survival & existence in a complex world? This is a major factor that affects the life of individuals. As we begin to understand the forces that surround and impact us, we can better cope with the world, including the world of business.

Coping in the Real World

Indian World

Dominate Society World

Must be a 2-Way path

Education

Tradition

Extended Family

Culture

Existence

Family

Way of Life

Transition

Diversity

Business

Culture

Earning A Living

Education

Religion

Employment

Complexity Builds
Coping in the Real World

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Religion

Employment

Other worlds

Education

Tradition

Culture

**Constituent
parts**

Challenge

- How do we make things better for all concerned?
  - Learn and share ideas across the board
  - Try to understand each others
  - We must respect each other
  - We must work together
  - We must be creative in providing solutions
  - **We all become "Stewards of the Land"**

Why is land data critical to Indian Business and homeownership?

- We are tied to the land.

- Our **knowledge** of our land bases and its use Is important to sustain survival

- Complexity of the world around us makes it necessary to assess all factors impacting our lives

- Data; good, validated data will help to ensure that this happens

- Owning a home is part of family & life, a positive step for well-being.

- Home ownership is a better family situation.

- Pride of ownership.

Thank You That's All Folks

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