

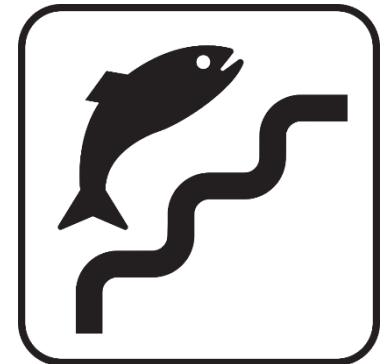
# CTUIR

# Data Management

Annual accomplishments and plans - 2019

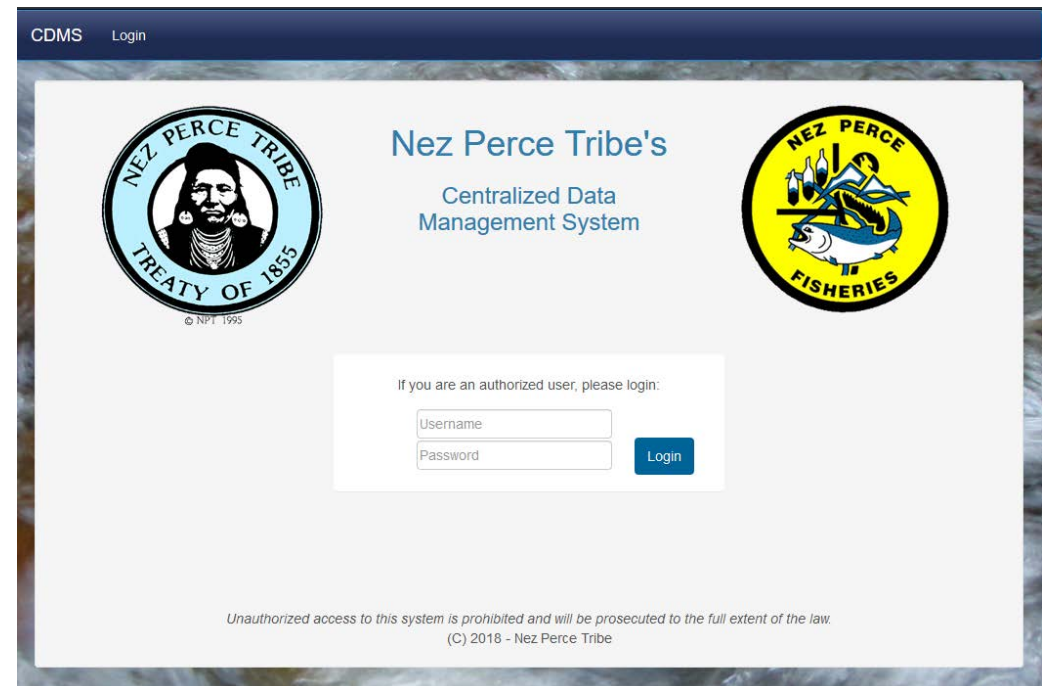
# Accomplishments

1. Tribal CDMS
2. CDMS 2.0
3. Public/Private CDMS
4. Data Flows (in/out)



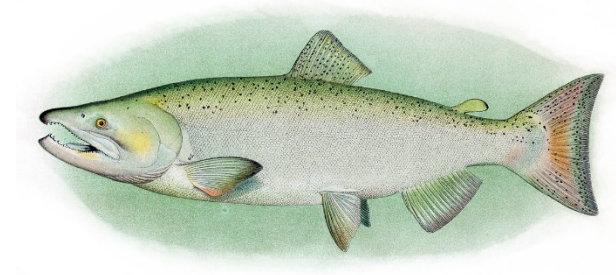
# Tribal CDMS

- Nez Perce, Warm Springs, CRITFC
- Needs Assessment
- Implementation
- Support



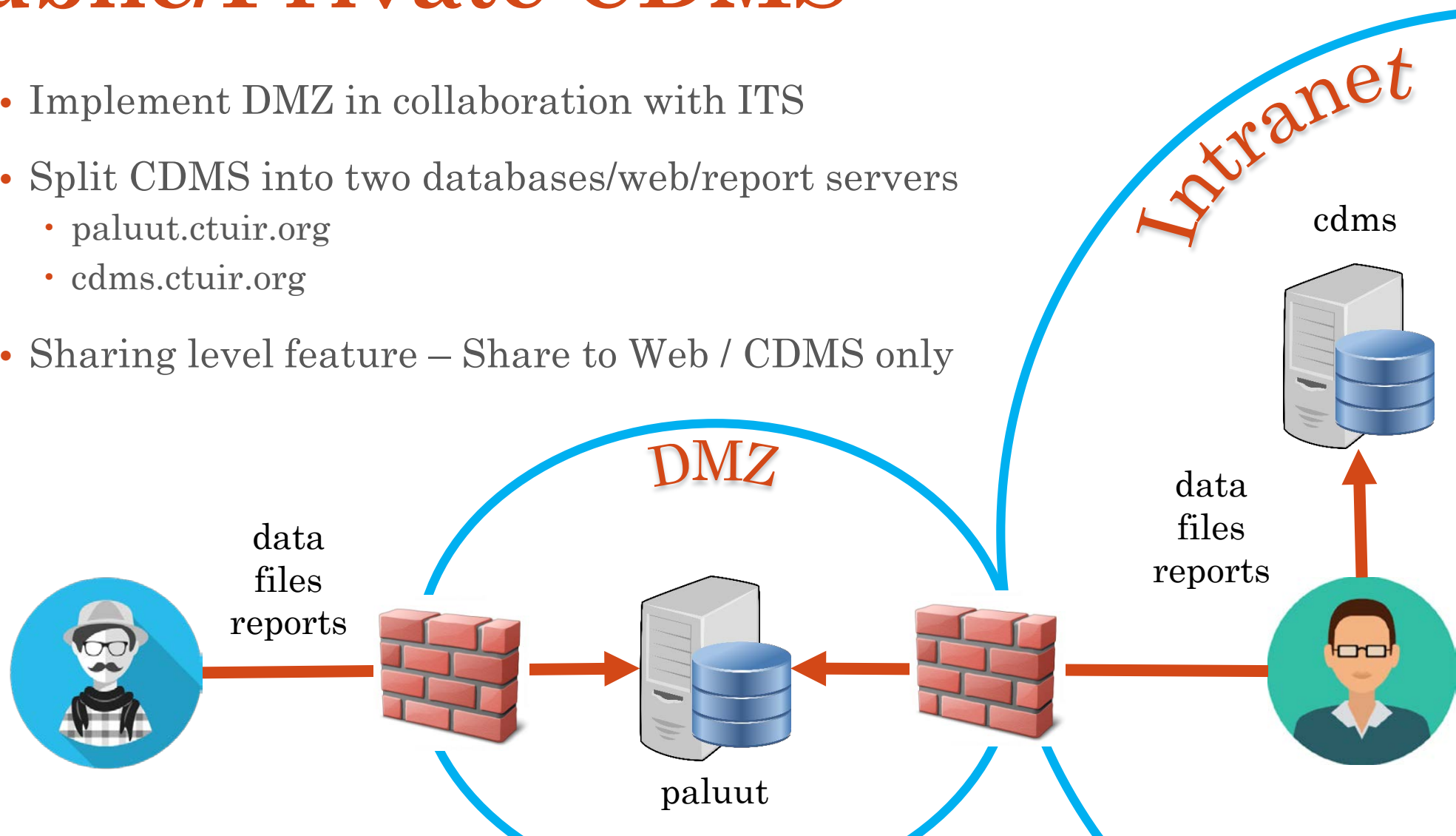
# CDMS 2.0

- New datasets (Habitat Sites, Habitat Metrics)
- New module (Leasing/Realty)
- Upgrade AngularJS, JSO, ag-grid, other libraries
- Implement ag-grid for import, data entry
- Many new features
- Substantial codebase improvement



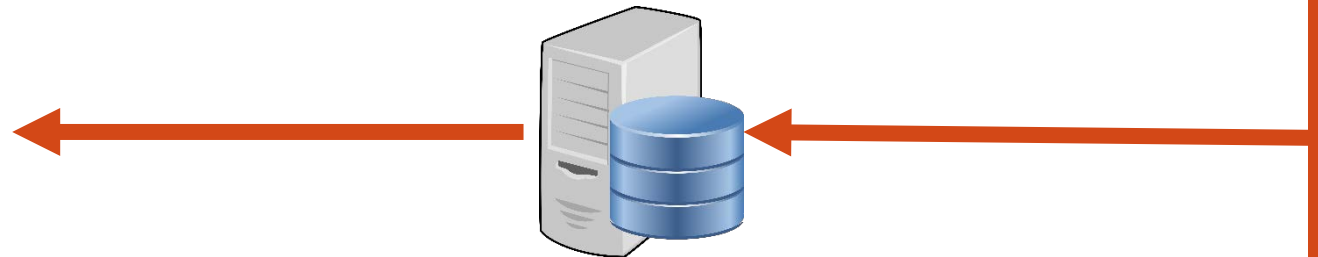
# Public/Private CDMS

- Implement DMZ in collaboration with ITS
- Split CDMS into two databases/web/report servers
  - paluut.ctuir.org
  - cdms.ctuir.org
- Sharing level feature – Share to Web / CDMS only



# Data Flows (in/out)

- Data flowing in via API
  - Walla Walla Watershed Data (water temp + discharge)
  - PTAGIS (fish passage detections)
  - FPC
  - Real-time water temperature dataloggers (almost!)
- Data flowing out via API
  - Tucannonriver.org
  - Walla Walla Managers Report
  - Streamnet + EPA WQX (manual)
  - Water Temperature Downloader
  - AGOL + Gisportal.ctuir.org
  - Fish Counts



# Planned work

1. Executive Dashboard
2. Planning Office – Permit Module
3. Data Flows (in/out)
4. New datasets

# Executive Dashboard

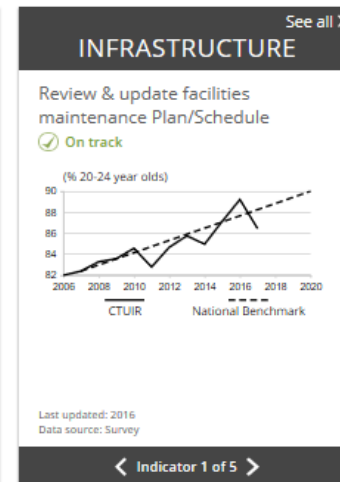
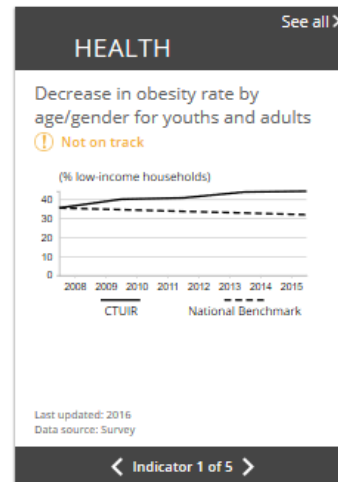
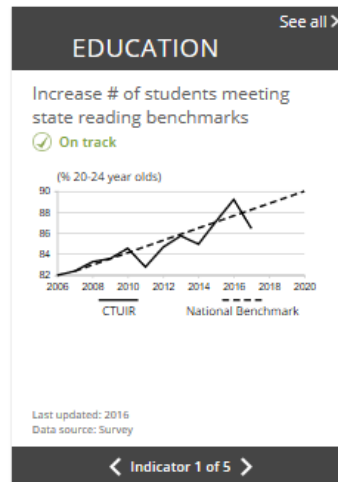
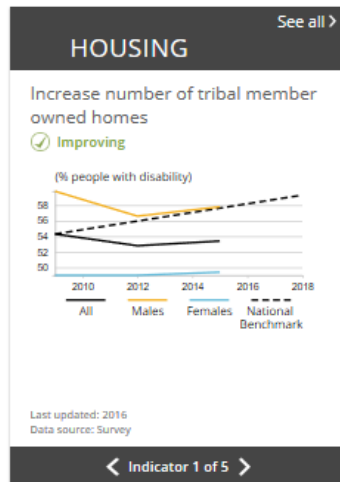
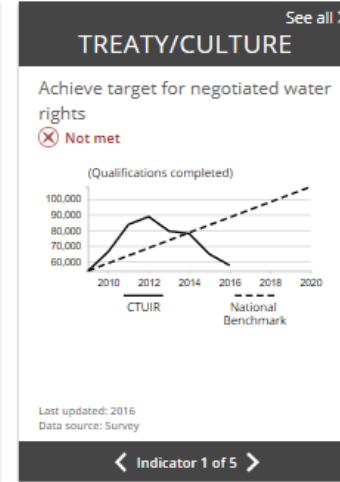
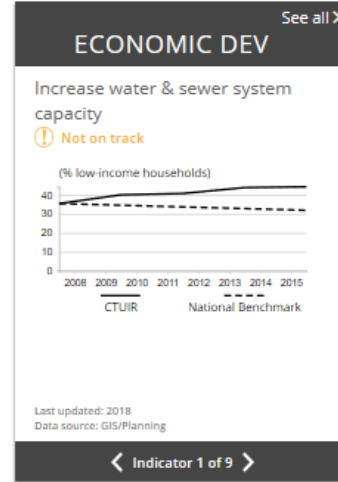
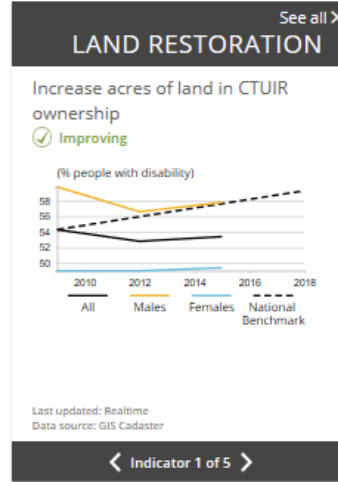


CTUIR PERFORMANCE REPORTING DASHBOARD DEMO



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# Planning Office – Permit Module

*quick filters*

View Permit Applications

New Applications

Awaiting Approval

Awaiting Payment

Final Review

Contact	Project Name	ParcelAllot	Type	Improvement	Date Applied
Bill Smith	Close in existing garage	2N3329D0TL01400	Development	Remodel	4/09/2019
...					

*Select row to display detail*

Application Status

Approvals

Fees

Documents

Correspondence

Response	Approver	Reviewer	Reason	Date Sent	Date Responded	Comment
Approve	CRPP	Teara Farrow	Ground Disturbance	4/10/2019	4/11/2019	Not affected area
Reject	WRP	Robin Harris	New Well	4/10/2019	4/11/2019	Location rejected
Review	County		New Driveway	4/10/2019		

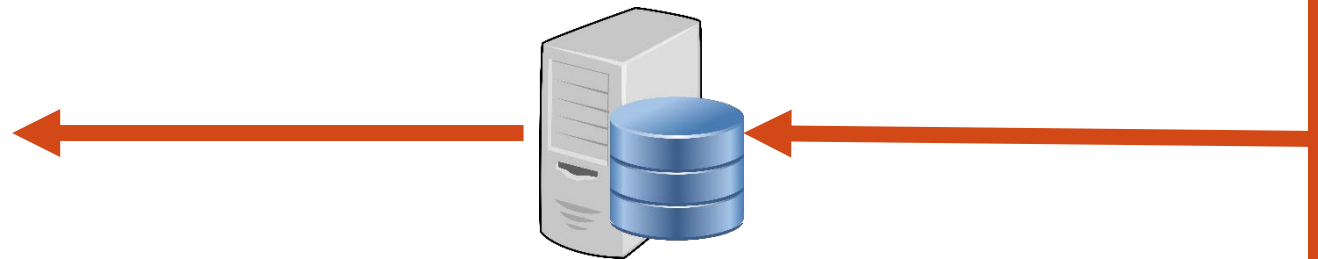
*These are configured by Permit Type*

Role: TPO

Use Case: View Permit Applications - Approvals

# Data Flows (in/out)

- Data flowing in via API
  - Real-time water temperature + weather station dataloggers
  - PTAGIS (fish passage detections)
  - GeoOptix – Biomonitoring Metrics
  - Survey123 + Collector App
  - Executive Dashboard
- Data flowing out via API
  - UmatillaRiver.org, JohnDayRiver.org, GrandeRondeRiver.org, etc.
  - ESRI Insights
  - AGOL + Gisportal.ctuir.org
  - Survey123 + Collector App
  - Tribal Member Portal



# Achieving our objectives

1. Data management maturity improvement
2. Provide timely, high quality information
3. Support decision making
4. Maximize sovereign rights and opportunities

