Oregon DOT
GIS Slimgim-T
CMM
January 9, 2019
Why we decided to use the CMM

• Gain familiarity with the Slimgim-T CMM

• Participate with peer states

• Identify GIS business areas to improve
Why we decided to use the CMM

- Initial self-assessment
- Establish a baseline
- Challenges we have in common with other DOTs?
How we are using the CMM

• URISA CMM (2017)
  – Team leads each completed separately
  – Group debrief
How we are using the CMM

• Slimgim-T CMM (2018)
  – Did as a group exercise
  – The discussions were valuable
  – Will need broader input
Did the CMM meet expectations?
1. Organizational structure & leadership (2.6)
   - GIS is authoritative (2,4)
     - Medium low maturity
     - High likelihood
   - GIS resource allocation (4,1)
     - High maturity
     - Low likelihood
   - GIS vision, comprehensive use & innovation (2,4)
     - Medium low maturity
     - High likelihood
2. Corporate culture (2.8)
- Environment of the organization fosters innovation (2,3)
  - Medium low maturity
  - Medium likelihood
- Staff accept EGIS as a reliable data source (4,3)
  - High maturity
  - Medium high likelihood
- Core competency improved with training plans (2,3)
- Enterprise GIS related communication is frequent & guided by plans (2,3)
### 3. Process Orientation (2.0)

- **Staff are "process-minded" (1,3)**
  - Low maturity
  - Medium likelihood

- **Plan to improve & align process to strategic plan (1,4)**
  - Low maturity
  - Medium high likelihood

- **Data maintenance embedded in business workflow (4,3)**
  - Medium high maturity
  - Medium likelihood
4. Organizational capacity & capability (3.8)

- EGIS led by appropriate and sufficient staff (4,3)
  - Medium high maturity
  - Medium likelihood

- GIS data interoperability (4,3)
  - Medium high maturity
  - Medium likelihood

- Corporate-wide spatial competency (4,3)
  - Medium high maturity
  - Medium likelihood
5. Enterprise GIS sustainability (3.2)
   - Blending of IT, analysis, visualization & GIS (2,4)
     - Medium low maturity
     - Medium high likelihood
   - Long term competency & training plans (2,3)
     - Medium low maturity
     - Medium likelihood
   - Data and application backups (4,4)
     - Medium high maturity
     - Medium high likelihood
6. Foundational data & technologies (3.6)

- BU data owners & data stewards defined (4,4)
- Production & published DB of reliable data (4,4)
- System architecture current (4,4)
- Metadata (4,4)
- Technical Infrastructure (4,4)
- Foundational Data (4,4)
  - Medium high maturity
  - Medium high likelihood
Next steps for the CMM

• Have a broader group rate us using the Slimgim-T CMM

• Use as part of our initial discovery for a GIS Strategic Business Plan update

• Use it to help better align our efforts with the newly released Oregon DOT Strategic Business Plan
Recommendations for using a CMM

• Establish a core group that will be available to retake the CMM on a periodic basis in order to demonstrate trends and changes over time.

• Determine if taken on a one or two year cycle? Perhaps some other frequency?

• Have the core group review the results of the CMM in order to translate the strategic needs into specific achievable actions for the next interval period. A GIS health improvement plan if you will.
Questions ?
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Thank you