Clarus Initiative Update – Survey Results & Discussion

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Outline

- Survey
  - Background
  - *Clarus* Data Uses
  - Access Methods
  - Organizational Impact
  - New Data Preferences
  - Summary
- Next Steps

Survey Background

- Conducted by ITSA from 15 June - 15 July 2011

- Intent was to increase understanding of how *Clarus* is used by system customers

- 28 Participants:
  - 13 State DOTs
  - 6 private sector companies
  - 4 academic institutions
  - 3 Federal agencies
  - 1 weather service provider
  - 1 transit agency

Clarus Data Uses

- Monitor near real-time weather observations
  - 61% use multi-state view
  - 54% use in-state view

- Weather model input: 39%

- Evaluating maintenance needs <u>on</u> RWIS: 36%

- Use in other systems (e.g. 511) and weather forecasting: 29%

Clarus Access Methods

- Map: 48%

- On-demand request: 26%

- Subscription: 22%

- Other: 4%

Pie chart labels:
- Other 3.70%
- Subscription 22.22%
- Map 48.15%
- On-demand request 25.93%
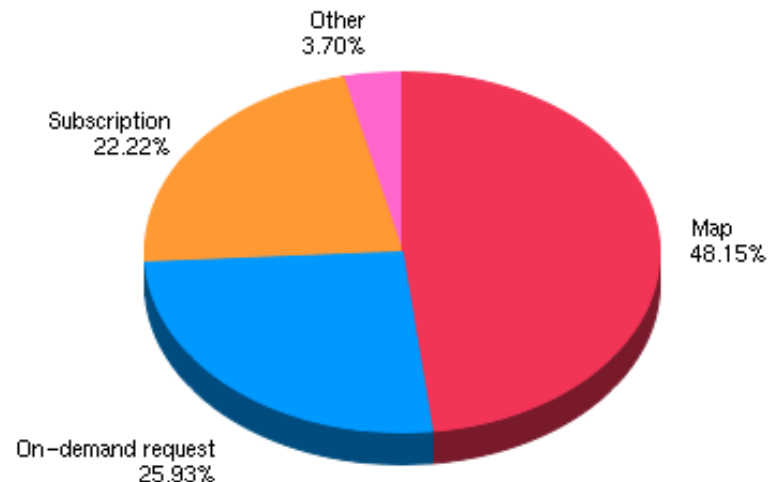
Value of *Clarus* Data in Meeting Organization Needs

- Significant enhancement: 25%
  - "extremely valuable"
  - "decreased costs significantly"

- Moderate enhancement: 36%
  - "worthy product"
  - "working to implement ...data"

- No change: 25%
  - "Have not used it"
  - "Does not apply..."

New Data Preferences

- Mobile Data: 81%
- Air Quality: 50%

- ASOS/AWOS: 46%
- Other: 20%

Response Frequency
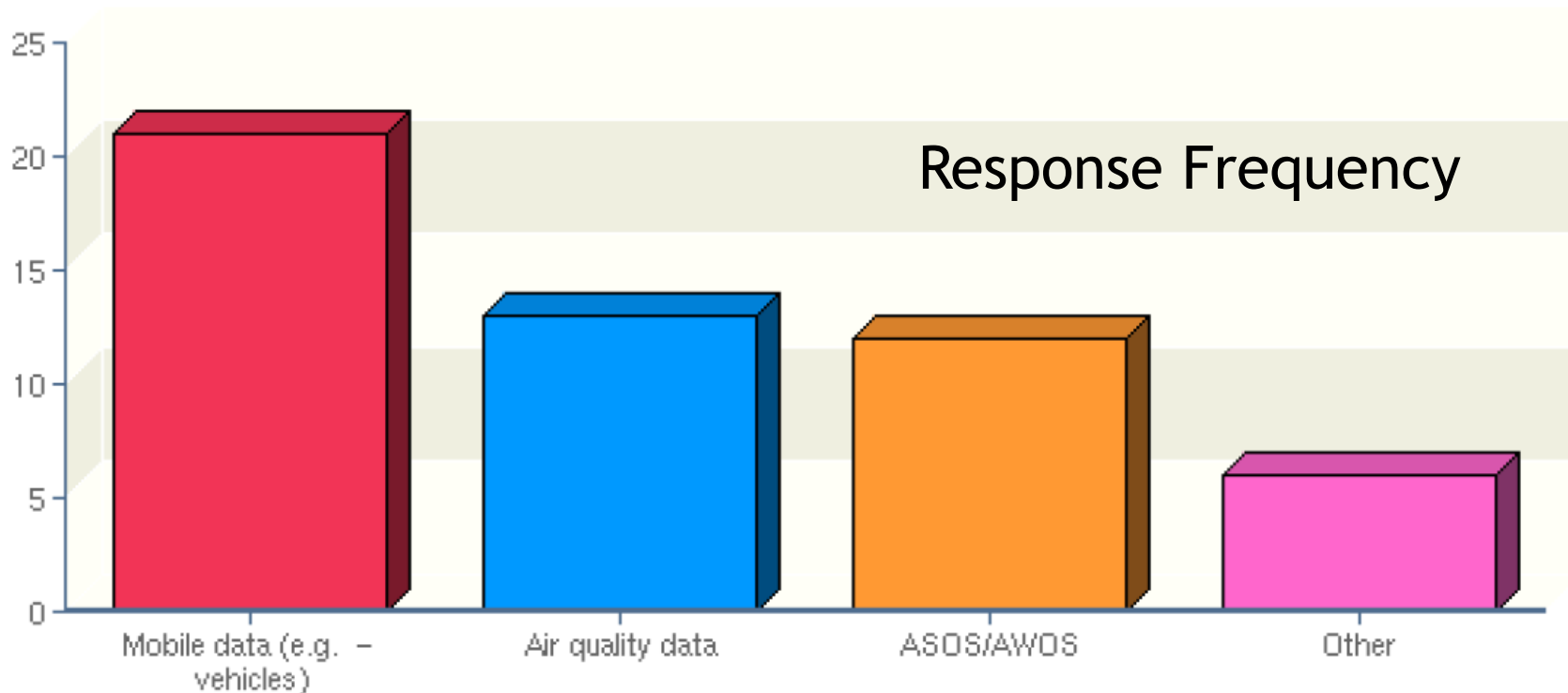
Clarus System Survey - Summary

- Survey not extensive but does provide some insight

- Organizational impacts vary considerably

- Clear primary indicators
  - State DOTs are primary users
  - Main use of data is monitoring current weather
  - Map is the main access method
  - Mobile data most desired of new sources

Next Steps

- Keep *Clarus* running
  - Current plan is through March 2013
- Promote findings from the Regional Demos
- Considering all options for its future:
  - NWS MADIS
    - And how does this relate to other efforts (e.g., FAA/NWS NextGen Weather, Nationwide Network of Networks)?
  - What's the link to Connected Vehicle data environments?
  - What about other potential homes (academia, private sector, non-profit)?

Next Steps

- What do you think?