

US EPA ARCHIVE DOCUMENT

Mapping Regional Development for Smart Growth Planning to Minimize Degradation of Water Quality and to Enhance Green Infrastructure

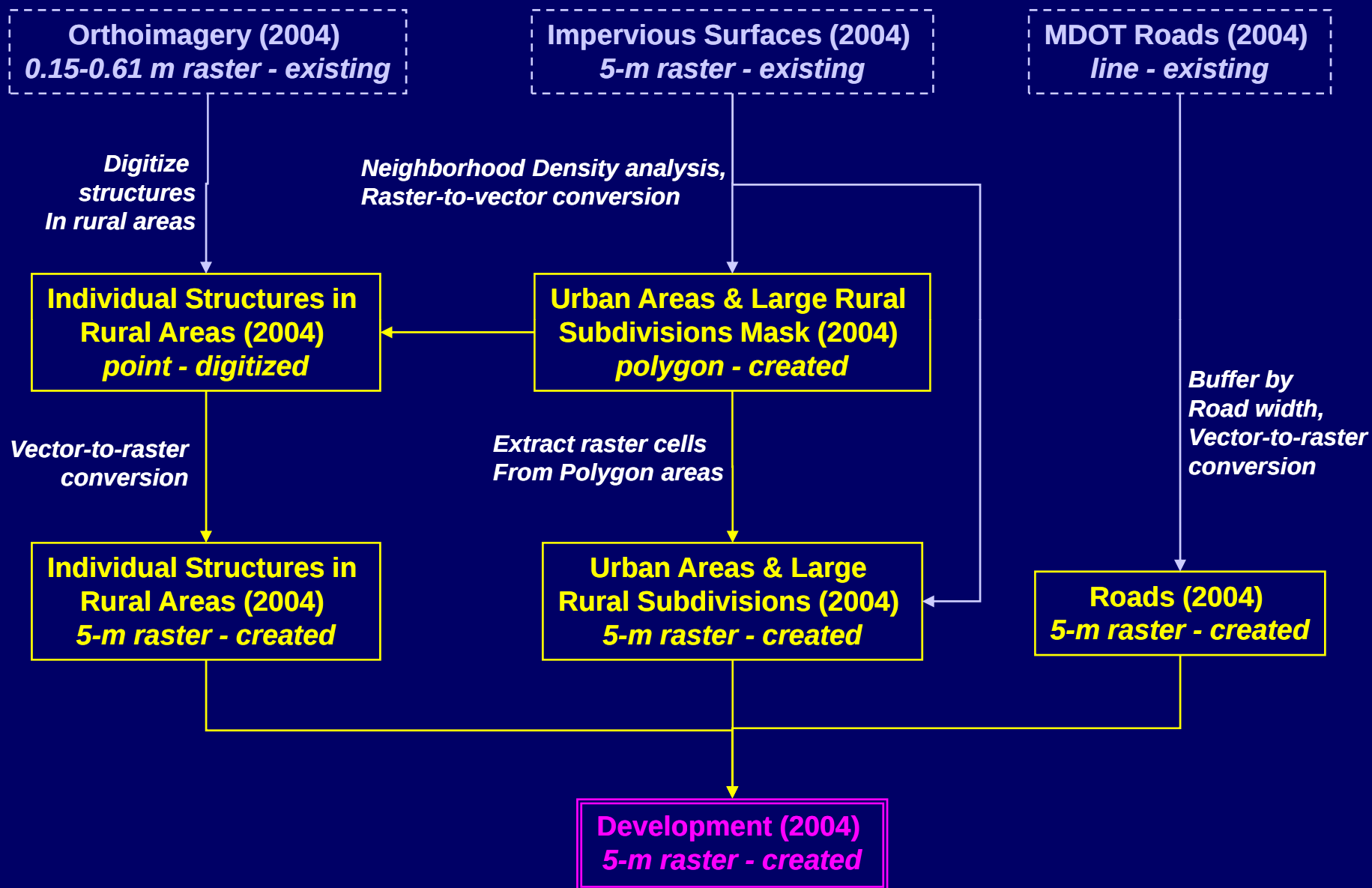


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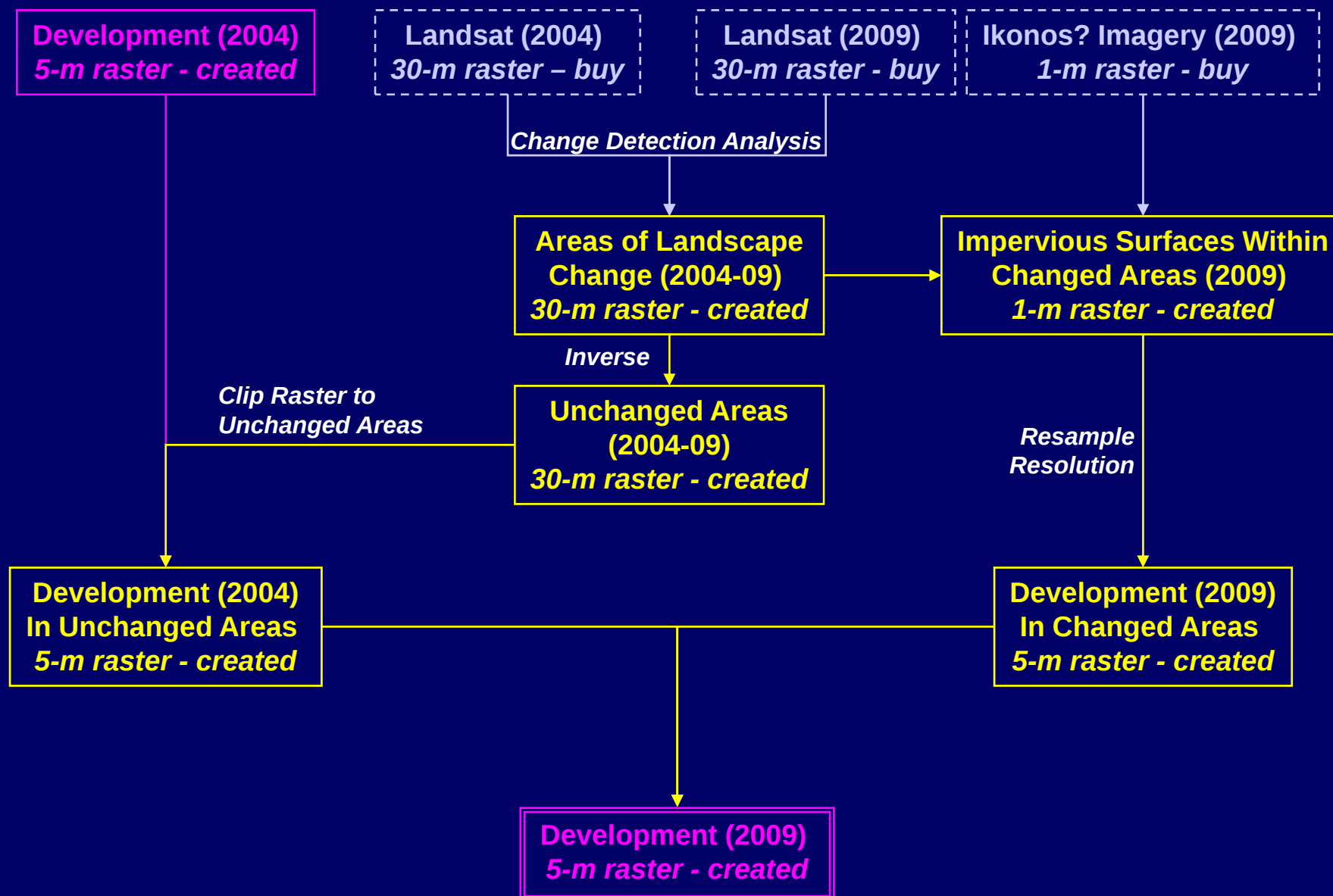
How This Project Supports Sustainability

- Riparian areas and water resources are a critical natural resource for long-term sustainability of natural ecosystems
- *Beginning with Habitat* provides maps of natural resource data to municipalities & land trusts to encourage Smart Growth development and landscape planning to conserve habitat and open space
- The current maps only shows half of the picture: what areas are most valuable to conserve, but NOT what areas are under the most threat from recent development
- Showing planners the landscape pattern of growth that their current ordinances & policies is creating will help guide smarter growth
- Smarter growth will lead to better conservation of natural resources

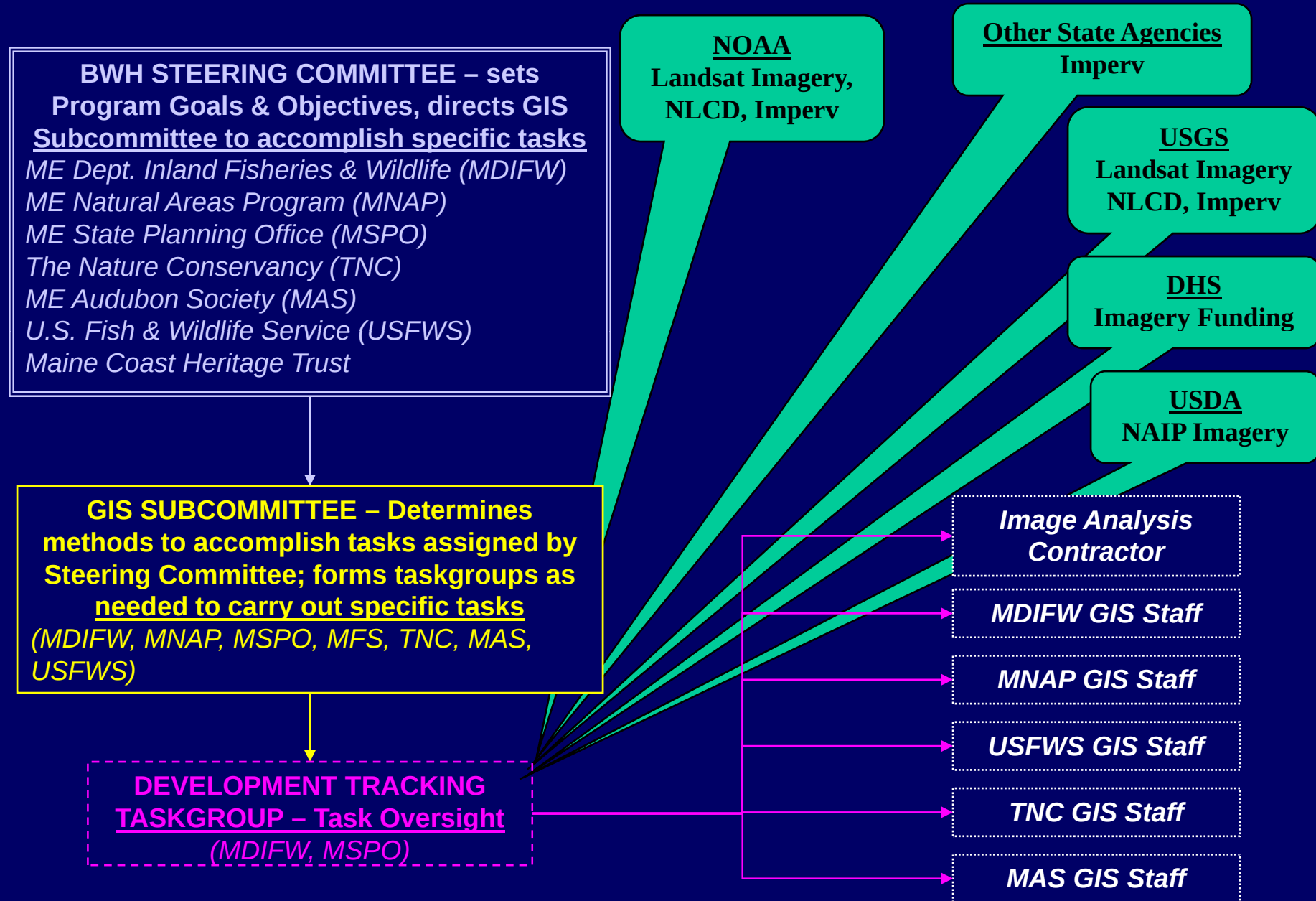
Systems Overview – 2004 Development



Systems Overview – 2009 Development



Current/Potential Partners & Roles



Findings & Lessons Learned So Far

- Considerable interest in acquiring the data (when completed)
- High risk of **Repetitive Motion Injury** when digitizing
- Stylus/tablet works much better than mouse for digitizing
- Coordinating multiple digitizers is time-consuming and complex
- Free NAIP imagery may eliminate need for digitizing

Questions/Contacts For This Meeting

- **USGS/NOAA – collaboration on NLCD/Impervious mapping 5-year cycle for updates**
- **DHS – potential funding for imagery acquisition**
- **USDA – future “gifts” of NAIP imagery**
- **Single source contracts?**
- **Direct billing for large contracts?**