

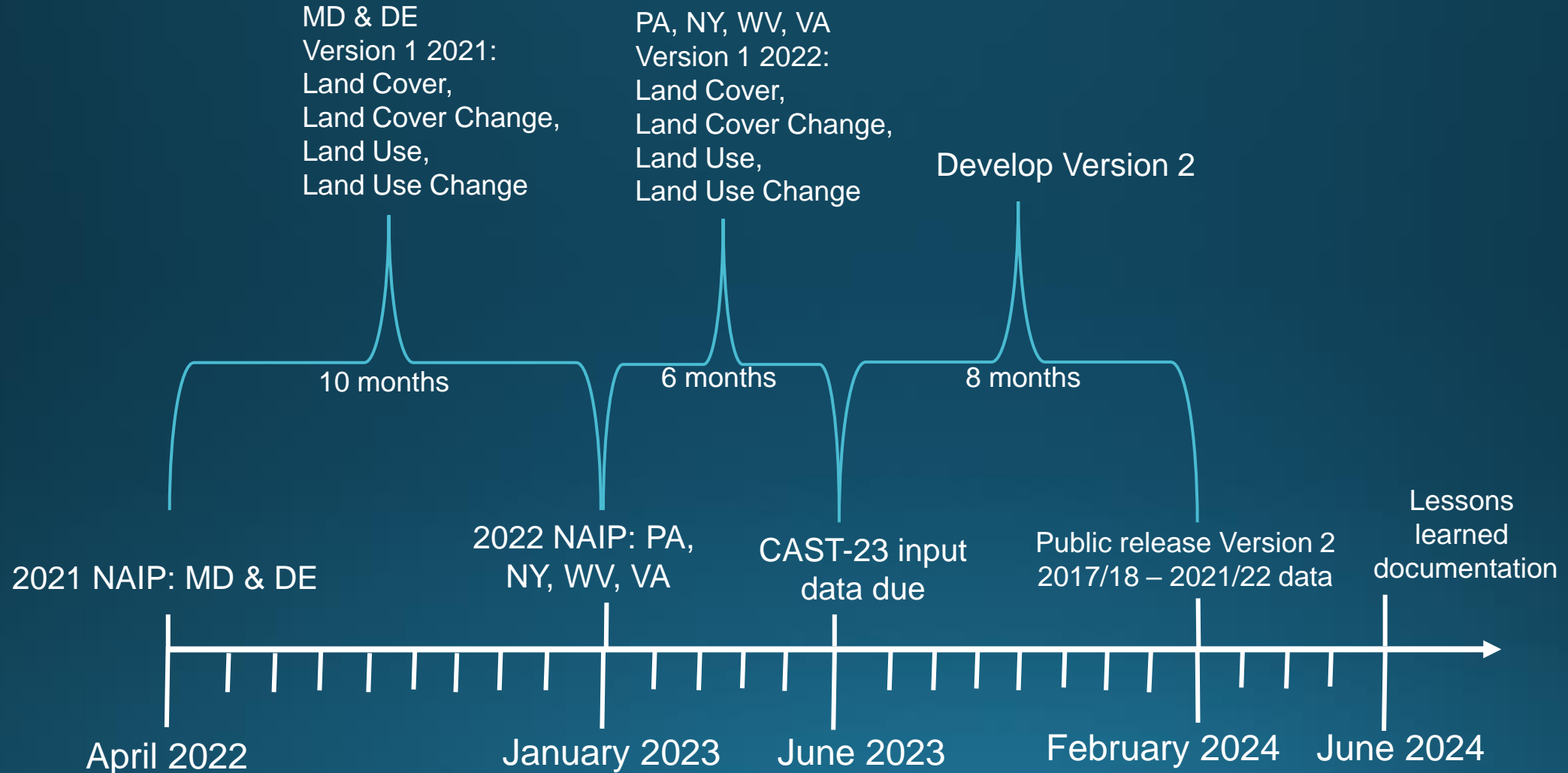
Objective 1: Looking ahead to CAST-23

October 7, 2021: LUWG

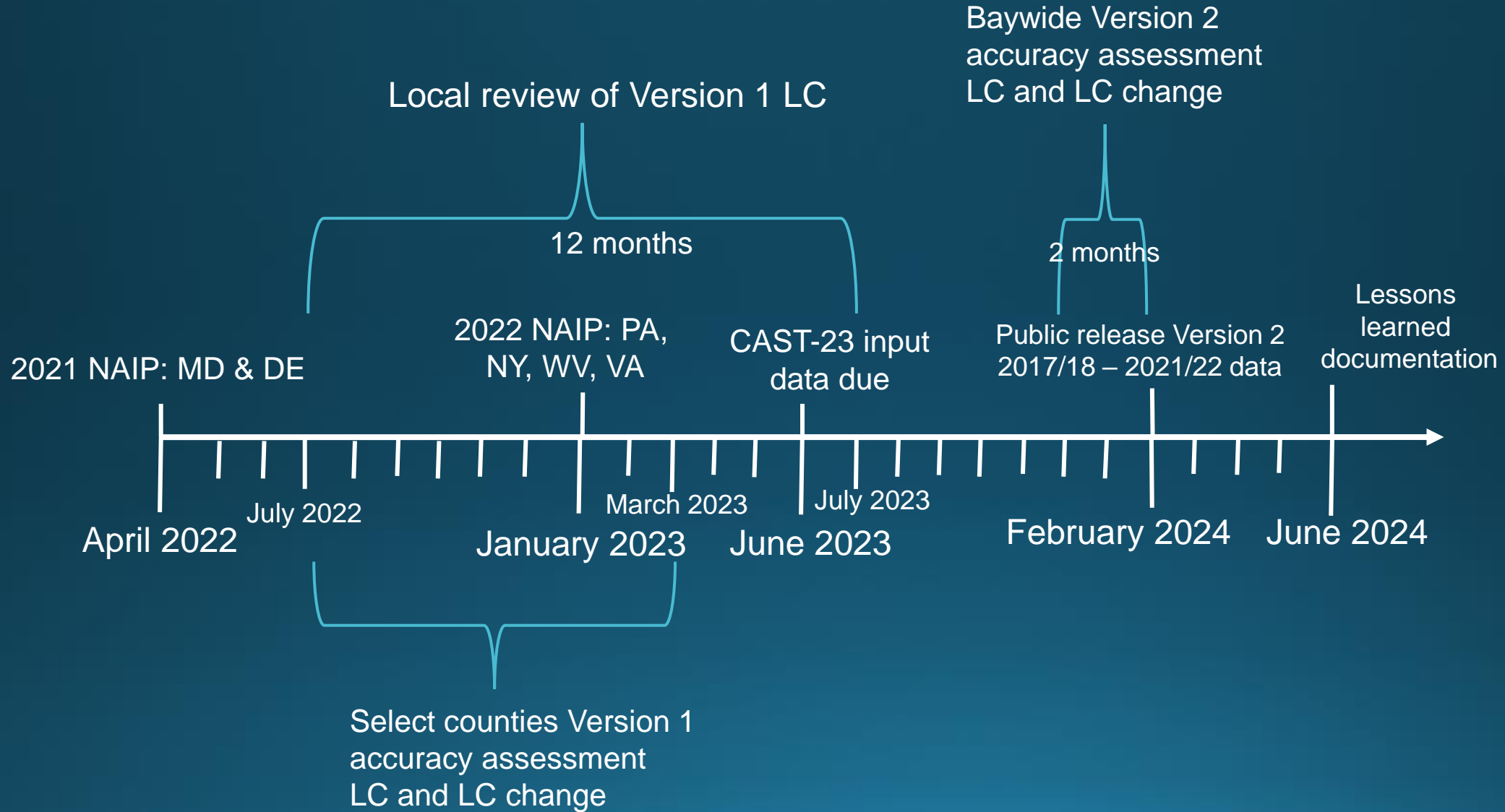
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Years 5 & 6: Data Development Timeline



Years 5 & 6: Product Review Timeline



Year 4: July 2021 – June 2022

- Accuracy Assessment planned for Version 2 Land Cover and Land Cover Change – will be released with the publication of products
 - Accuracy of Land Use can be gleaned from accuracy of Land Cover, as Land Cover is the main input dataset to create the Land Use
 - For example, if Tree Canopy Land Cover is deemed 90% accurate, then we know the Forest, Tree Canopy over Turf Grass, and Other Tree Canopy classes re 90% accurate in the classification as Tree Canopy of some sort.
 - Determining accuracy of land use using imagery would be extremely difficult and objective



Year 4: July 2021 – June 2022

- Lessons Learned document will be released with the publication of the products
- Version 2 of the Land Cover, Land Cover Change, Land Use, and Land Use change will be published around February 2022
- Local outreach for 2021/2022 products: ~ March – June 2022.
 - This can go into Year 5.

Years 5 & 6: June 2022 – June 2024

High-Resolution Land Use Change data for CAST-23 incorporation are due in June 2023

- NAIP 2021: planned for release for Maryland and Delaware in April 2022
 - UVM can start modeling 2021 Land Cover and 2018 – 2021 Land Cover Change. While doing so, they will correct any mistakes found from 2013 and 2018. The final product will be 2018 – 2021 Land Cover Change product.
 - CIC can start running land use model once Maryland and Delaware Land Cover products are complete
- NAIP 2022: planned release for the rest of the bay by January 2023.
 - That leaves 6 months for UVM to produce Land Cover and Land Cover change AND for CIC to produce Land Use and Land Use Change, to make the June 2023 deadline.

Product Review and Versioning

- July 2022 – March 2023:
 - Perform accuracy assessments on a few counties per state Land Cover and Land Cover Change:
 - 2021 MD & DE
 - 2022 PA, WV, NY, & VA
- July 2022 - July 2023:
 - Allow localities to provide review on the Version 1 product
- July 2023 – December 2023:
 - UVM will start incorporating the local feedback and their own QAQC to create the Version 2 product
- December 2023 – February 2024:
 - Perform accuracy assessments on baywide Land Cover and Land Cover Change
 - CIC will re-run land use on Version 2 land cover to be ready for publication

Staff Transitions

- Rachel's last day working at the Conservancy is October 15th
 - Taking on a new role as a Senior Research Scientist at SSAI- will be a contractor on the NASA disasters program, focusing on how climate change affects natural disasters such as landslides
- Katie Walker (kwalker@chesapeakeconservancy.org) will be stepping into Rachel's role, focusing on the management, outreach, and communication side of Objective 1 leading up to the February 2022 publication of products, and potentially beyond
 - Jacob Czawyltko (jczawyltko@chesapeakeconservancy.org) and Emily Mills (emills@chesapeakeconservancy.org) will continue to lead the land use portion of the Objective