LPIN Chair's Projects Report

These three projects, starting around January 2025, have been funded through and reported as part of the Chair's discretionary fund spending. These are speculative projects that upon completion would be owned entirely by the LPIN and maintenance funded by outside donors.

I have briefly discussed these projects and their advancements, and roadblocks, in SCC meetings since January. However, I did not provide regular written reports on their progress. I also did not include other SCC members in the development process. I will be adding to the SCC agenda a recurring item in Old Business for Chair's Projects where I will give both a written report and brief verbal summary. I would also like to ask if any SCC member would like to volunteer to be part of the development process for these projects.

AI Txt Bank System: *(on-hold)*

In December I watched a video of a company that built an N8N AI automation workflow to create a txt banking and response system to communicate with their customers. I saw the instant potential in using this to contact voters targeting them by the demographics, voting history, voting districts, etc. Then having the system respond, using a sentiment trigger, to any replies. Finally, recording the interactions in CiviCRM for future targeting and follow-up.

Creating a system that can handle all aspects of txt banking, with hardcoded safeguards, would free up volunteer hours and maximize data retention.

The final process could also be repackaged and sold to other state affiliates that have voter data and are using CiviCRM.

Phase 1: <u>completed</u>
- Setup private Digital Ocean server droplet for N8N
- Setup SupaBase and Pinecone databases for initial voter data handling
- Secured A2P 10DLC number through Twillo for txting

Phase 2: <u>completed</u>
- Setup initial N8N for testing voter targeting
- Connect Twillo API for txt sending and importing replies
- Develop AI voter targeting structure/commands
- Setup Sentiment Trigger for replies to voter responses
- Test with 5,000 voters in a specific State Senate District

PROJECT ON HOLD HERE – Twillo shut down the A2P 10DLC number claiming we do not have permission to txt message the contacts. Project is on-hold until issue is either resolved with Twillo or another provide can be used.

Phase 3:
- Import and dedupe SOS voter data into CiviCRM
- Use current CiviCRM APIs to connect N8N
- Implement contact update workflow with CiviCRM
- Switch from SupaBase/Pinecone databases to CiviCRM

Phase 4:
- Import L2 consumer data into CiviCRM
- Update N8N targeting structure to include consumer demographics
- Add a trigger area within CiviCRM using CiviCRM role based access
- Available to LPIN Candidate on-boarded with CivCRM and A2P 10DLC
- Available to LPIN Affiliates on-boarded with CivCRM and A2P 10DLC

Phase 5:
- Repackage for purchase by other LP State Affiliate

Political Project Management System: *est delivery date 09/30/2025*

Having a project management system that is used universally throughout the LPIN has been an ongoing request of SCC committees, affiliates, and candidates. The need for a system is exampled by the convention committee needing to spend time each year figuring out where previous documents are and what the steps and processes are for planning the annual convention.

Researching both commercial, self-hosted, and open-source platforms there are no realistic options for an organization as large as us, but also without financial limitations. Most of the commercial products start at $10 per month per user. If the SCC used that type of service it would cost $160 per month, not including any other add-ons and upgrades.

None of the open-source platforms have been maintained or they have odd annual license fees.

In April of 2025 I set out to build our own platform with no user or workspace limitations. The completion of this project was slowed by my additional role at national. However, it is on track to be completed before the end of September. A live demo will be shown during the August 30 SCC meeting.

This is also a program that could be repackaged and sold to any state affiliate for a monthly service fee. Upon completion, the recurring costs will be approximately $20 per month per instance for hosting.

Phase 1: completed
- Setup private dev environment
- Setup SupaBase for database and User Authentication policies

- Develop feature list
- Develop Role based access and management hierarchy

Phase 2: <u>completed</u>
- Develop initial framework
- Add User management
- Create Workspace and Projects
- Create Document and Wiki area
- Create Chat, Direct Message, and Notifications system

Phase 3: <u>completed</u>
- Create hierarchy for access/view in Private functions
- Create Private Projects
- Create Private Document and Private Wikis
- Create Private Chat channels

Phase 4: <u>completed</u>
- Create User invite process
- Create User Auth for first sign-in and password recovery
- Test load balancing of 100 concurrent users

Phase 5:
- Security protocols with possible 2FA user requirement
- Clean up database and files
- Publish Application to either
    - New domain name (currently lpinaction.com)
    - Subdomain on lpin.org (projects.lpin.org)

Phase 6:
- Repackage for sale to other LP State Affiliates on a monthly services agreement.

Legislature Score Card: *est delivery date 12/24/2025*

Having a dedicated area for scoring legislation and legislators with our own commentary on pending legislation has been something the LPIN has desired for over 6 years.

In February I spoke with a company that provided a platform for organizations to use AI to be notified of legislation within their topics and focus and then to explain the legislation to them. They could then score it and share with their members in a forward facing website. The company agreed to adapt their platform to our needs for a $100 per month fee and a 3

month development period. I presented this to the SCC during the March budget meeting and it was adopted.

However, that company then walked back their expected timeline, capabilities, and wanted to increase the monthly costs significantly.

In Jun I started developing our own self-hosted application that would fit our needs better and have drastically lower monthly costs once completed ($20 per month for hosting).

Due to additional time constraints this project has not progressed, but I am determined to have it completed and live prior to the start of the 2026 INGA session.

Phase 1: <u>completed</u>
- Develop list of desired features and functions
- Setup dev environment
- Secure INGA APIs
- Test INGA APIs to determine function and data

Phase 2:
- Determine program structure – WordPress Plugin or Web Application
- Develop basic framework for displaying legislators and legislation
- Develop admin area for importing legislators, legislations, LPIN score
- Incorporate INGA APIs for auto import of legislation and actions
- Develop function to score legislators based on their legislation actions

Phase 3:
- Create wireframe/design for frontend UI
- Develop frontend UI
- Import and test with 2025 INGA data

Phase 4:
- Publish application
- Create user guides for admins
- Assign team to score and draft LPIN statement on legislation

Bonus Phases:
- Redevelop for LPIN Affiliate deployment
- Redevelop for LP Affiliate purchase
- Add CTA functionality with connection to CiviCRM contact