

**Once your team completes a milestone, please post a short comment underneath your Questbook application with the milestone report google doc linked & send an email to pruitt@entropyadvisors.com or dm to @pruitt_m on Telegram to notify the committee that the deliverables have been completed.*

Application:

Stylus SDK: Building a AssemblyScript to WebAssembly Solution

Team: *WakeUp Labs*

Milestone: Production Rollout and documentation enhancement - Milestone #7

Funding Amount Unlocked: 9,160 ARB

Date Submitted: 11/25/2025

Summary of the Deliverables:

*We are pleased to announce the successful completion of **Milestone #7**, focused on deploying our tooling into npm and providing solid documentation to guide the developer to start using it.*

Our main efforts included:

- *Deploying all tooling components to production environments and validating live behavior.*
- *Updating the **npm packages** and synchronizing all **developer documentation** accordingly.*
- *Presenting the product to potential new developers through multiple talks, and promoting it across social media channels to engage the community and drive adoption.*

In addition to the core scope, we incorporated several enhancements that further strengthen the SDK, CLI, and overall developer experience.

As part of this milestone, we delivered a set of extra features and refinements that go beyond the original milestone scope:

- ***Integrated testing configuration** directly into **generate** command, including a full project bootstrap for faster onboarding.*
- ***Expanded VM affordances**, now exposing:
msg, **block** and **contract** enabling richer and more ergonomic contract development within Stylus.*

- **Support for numeric constants defined outside the smart contract**, providing a convenient alternative to enums.
- **Extended contract test suite**, adding well-known patterns such as: *AccessControl*, *Pausable*, and *Ownable*.

These additions were guided directly by developer feedback and internal testing needs, ensuring that the tooling continues to evolve toward real-world expectations and higher-level use cases.

Deliverables & Proof of Work:

Deliverables

- **Production Deployment:** *SDK, CLI, and ancillary packages published and verified.*
- **Documentation Update:** *Fully aligned references, guides, and API docs.*
- **NPM Release:** *Latest stable versions available for community use.*
- **Extended Test Suite:** *Additional contract patterns included.*
- **Demo:** *Video showing the new features.*
- **Community Engagement:** *We shared the product with the Spanish-speaking community, we presented our developments at DevConnect in the ArbiVerse and Stylus Awakening events. And we will continue this outreach with more talks to bring the information to a wider audience.*

Useful Links

- [GitHub Repository](#)
- [NPM package](#)
- [Developer Documentation](#)
- [Developer Playground](#)
- [Demo video](#)
- [Developer Community Talk](#)
- **Devconnect presentations:**
 - [Stylus Awakening event](#)
 - [Stylus Builders Panel at Arbiverse](#)

Future work

Although we are happy with the current state of the product, covering a wide range of features that effectively establish a new language, we still have significant work ahead. Upcoming efforts will focus on adding more advanced structures, improving the developer workflow, and enabling richer communication patterns among smart contracts.

Challenges and/or Adjustments to Next Steps:

Nothing to mention at this moment

Do you attest that all the provided information is accurate and the deliverables meet the expectations set at the onset of the grant agreement.

Yes