Beanstalk DAO Meeting

April 2, 2024

Big Items Up Front

Recent Milestones

- Cyfrin Codehawks audit competition of Seed Gauge System is complete and remediations are underway
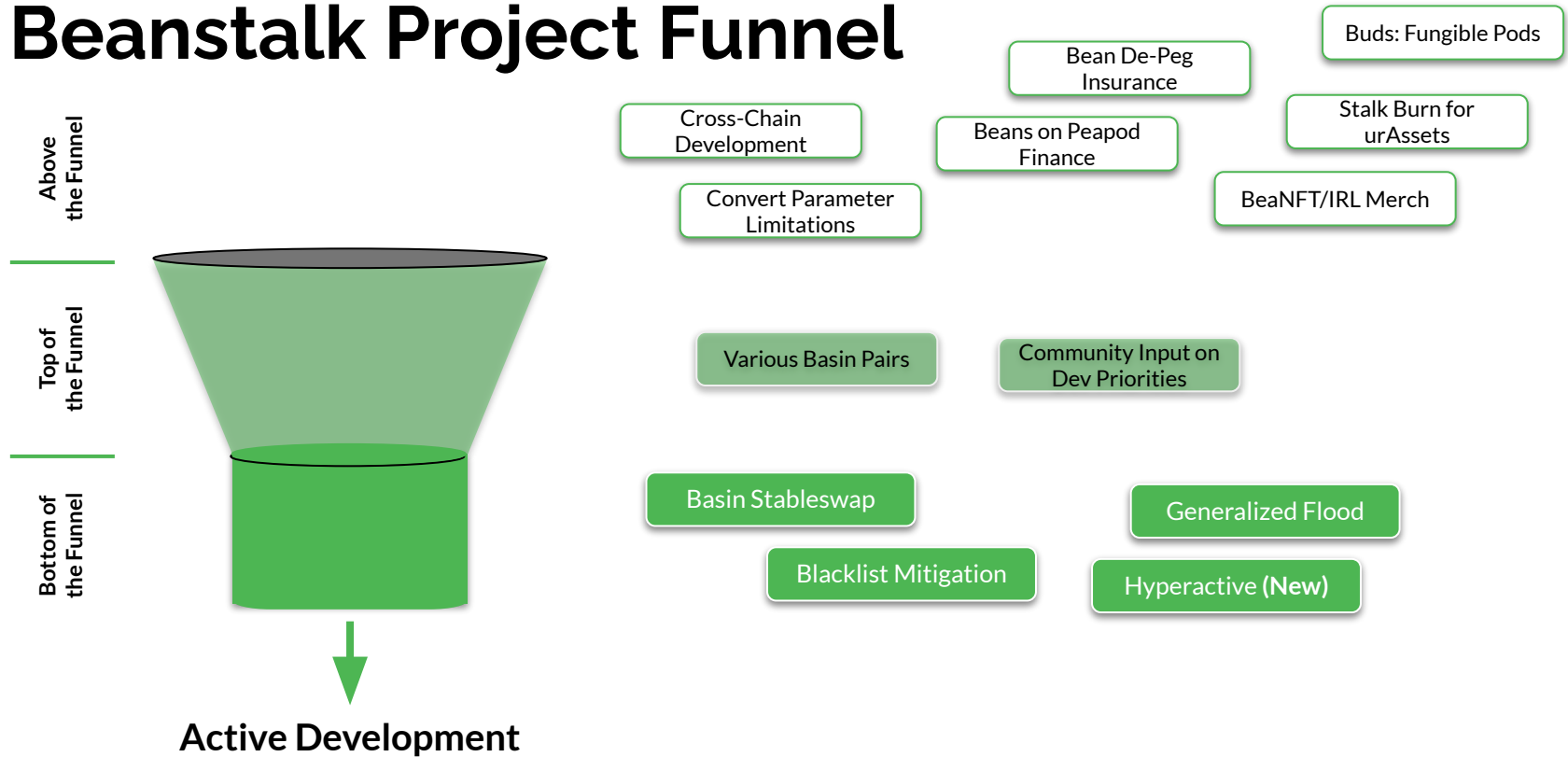- Codehawks audit of wstETH integration/whitelisting is underway

Upcoming Items

- Beanstalk A&T University (a.k.a. "Class) scheduled for April 4th

Projects and Initiatives

Beanstalk Project Funnel

Above the Funnel

Cross-Chain Development

Convert Parameter Limitations

Bean De-Peg Insurance

Beans on Peapod Finance

Buds: Fungible Pods

Stalk Burn for urAssets

BeaNFT/IRL Merch

Top of the Funnel

Various Basin Pairs

Community Input on Dev Priorities

Bottom of the Funnel

Basin Stableswap

Blacklist Mitigation

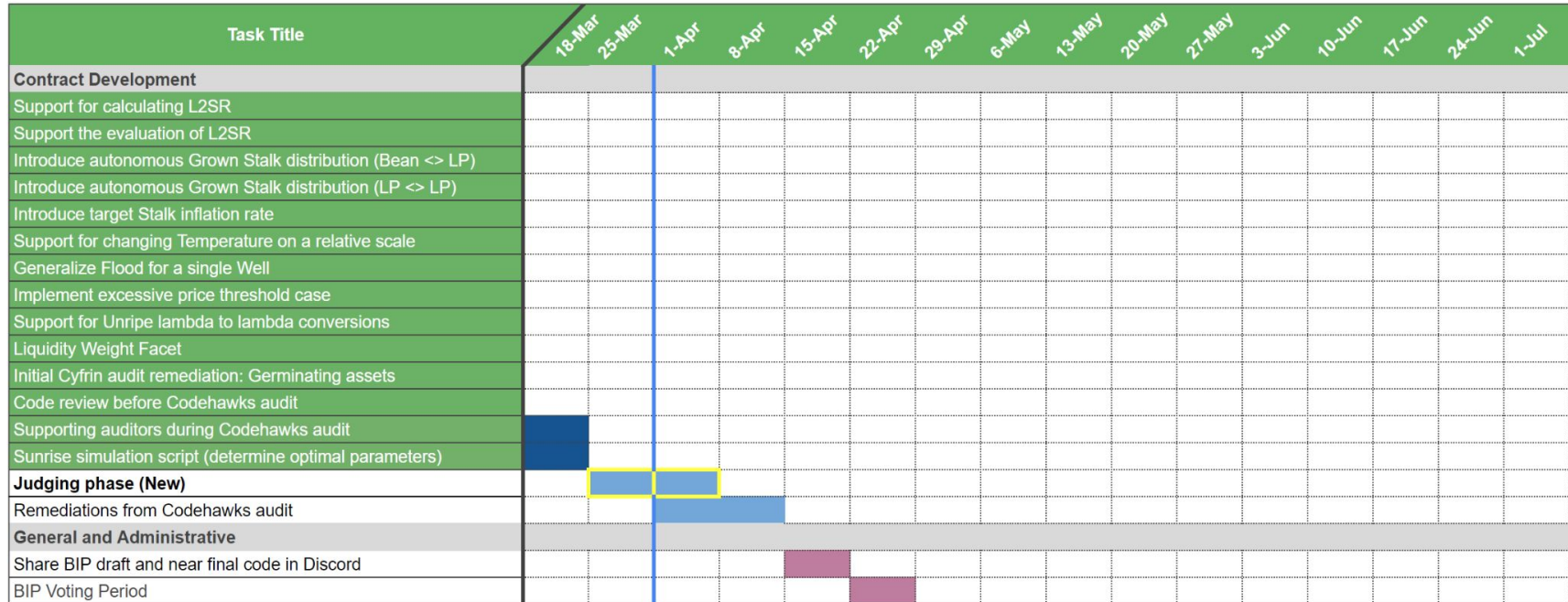Generalized Flood

Hyperactive **(New)**

Active Development

Seed Gauge

Target Deployment: Week of **April 29** (Updated)

Notes
-Key Contributors: Brean, Ben, Brendan, Guy
-Completed tasks are highlighted in green
-Task darkness is correlated to confidence in timeframe; darker color = higher confidence
-For more information, see the Seed Gauge RFC Channel on Discord

Task Title	18-Mar	25-Mar	1-Apr	8-Apr	15-Apr	22-Apr	29-Apr	6-May	13-May	20-May	27-May	3-Jun	10-Jun	17-Jun	24-Jun	1-Jul
Contract Development																
Support for calculating L2SR																
Support the evaluation of L2SR																
Introduce autonomous Grown Stalk distribution (Bean <> LP)																
Introduce autonomous Grown Stalk distribution (LP <> LP)																
Introduce target Stalk inflation rate																
Support for changing Temperature on a relative scale																
Generalize Flood for a single Well																
Implement excessive price threshold case																
Support for Unripe lambda to lambda conversions																
Liquidity Weight Facet																
Initial Cyfrin audit remediation: Germinating assets																
Code review before Codehawks audit																
Supporting auditors during Codehawks audit	■															
Sunrise simulation script (determine optimal parameters)	■															
Judging phase (New)		■	■													
Remediations from Codehawks audit			■	■												
General and Administrative																
Share BIP draft and near final code in Discord					■											
BIP Voting Period						■										

wstETH Migration

Target Deployment: Week of June 3

Notes
-Key Contributors: Brendan, Brean, Guy
-Completed tasks are highlighted in green
-Task darkness is correlated to confidence in timeframe; darker color = higher confidence
-For more information, please see the wstETH Migration RFC Channel on Discord

Task Title	18-Mar	25-Mar	1-Apr	8-Apr	15-Apr	22-Apr	29-Apr	6-May	13-May	20-May	27-May	3-Jun	10-Jun	17-Jun	24-Jun	1-Jul
Contract Development																
Implement wstETH:USD oracle																
Implement wstETH:ETH oracle																
Generalize the token used to buy Fertilizer																
Init contract for whitelisting BEAN:wstETH Well																
Support for minting, Converts, BDV calculation, etc.																
Temporary disable minting from Multi Flow v1																
Script for Unripe migration																
Code review prior to Codehawks audit																
[Interim period during other scheduled audits]	▓	▓														
Basin Well Deployer Tool (component deploy script & other items)	▓	▓	▓	▓												
Bean:wstETH new Pump deployment and validation		▓	▓	▓												
Bean:wstETH new Well Function deployment and validation		▓	▓	▓												
Support Codehawks researchers during audit			▓	▓												
Judging phase (New)					▓											
Remediations from Codehawks audit						▓	▓									
[Interim period during Multi Flow v1.1 audit/remediations]							▓	▓	▓							
General and Administrative																
Share BIP draft in Discord with near final code										▓						
BIP Voting Period											▓					

Multi Flow v1.1.0

Target Deployment: Week of May 20

Notes
-Key Contributors: Brendan
-Completed tasks are highlighted in green
-Task darkness is correlated to confidence in timeframe; darker color = higher confidence
-For more information, please see the Multi Flow v1.1.0 RFC Channel on Discord

Task Title	18-Mar	25-Mar	1-Apr	8-Apr	15-Apr	22-Apr	29-Apr	6-May	13-May	20-May	27-May	3-Jun	10-Jun	17-Jun	24-Jun	1-Jul
Contract Development																
Move constants to Pump Data to allow customizability btwn Wells																
Introduce the ability to cap the change in rate between assets.																
Modify the cap reserves functionality to have two separate caps																
Simulations and testing																
Code review prior to Codehawks audit																
[Interim period during other scheduled audits]	■	■	■	■	■											
Support Codehawks researchers during audit						■										
Remediations from Codehawks audit							■									
Deploy Multi Flow v1.1.0									■							

BDAO - April 2, 2024

Gen. Convert (Pt. 1)

Target Deployment: Week of July 22

Notes
-Key Contributors: Pizzaman, Brendan, Ben
-Completed tasks are highlighted in green
-Task darkness is correlated to confidence in timeframe; darker color = higher confidence
-For more information, please see the Generalized Convert RFC Channels on Discord

Task Title	18-Mar	25-Mar	1-Apr	8-Apr	15-Apr	22-Apr	29-Apr	6-May	13-May	20-May	27-May	3-Jun	10-Jun	17-Jun	24-Jun	1-Jul
Contract Development																
Setup and define inputs and outputs for new function																
Support Pipeline calls for a variety of convert activities																
Develop tests for above convert activities																
Support keeping original deposit amounts by BDV after convert	███	███														
Develop flashloan protection			███	███												
Handling cases where more BDV is added or BDV is removed					███	███										
Application of Stalk penalty when converting (Bonus with Pt. 2)								███	███							
Final testing before audit										███	███					
Supporting auditors during Codehawks audit												░░░	░░░	░░░		
Remediations related to Codehawks audit															░░░	░░░
General and Administrative																
Share BIP draft and near final code in Discord																
BIP Voting Period																

H1 Upgrade Package

Target Deployment: Week of June 10

Notes
-Key Contributors: Deadmanwalking, Brean, Guy
-Completed tasks are highlighted in green
-Task darkness is correlated to confidence in timeframe; darker color = higher confidence
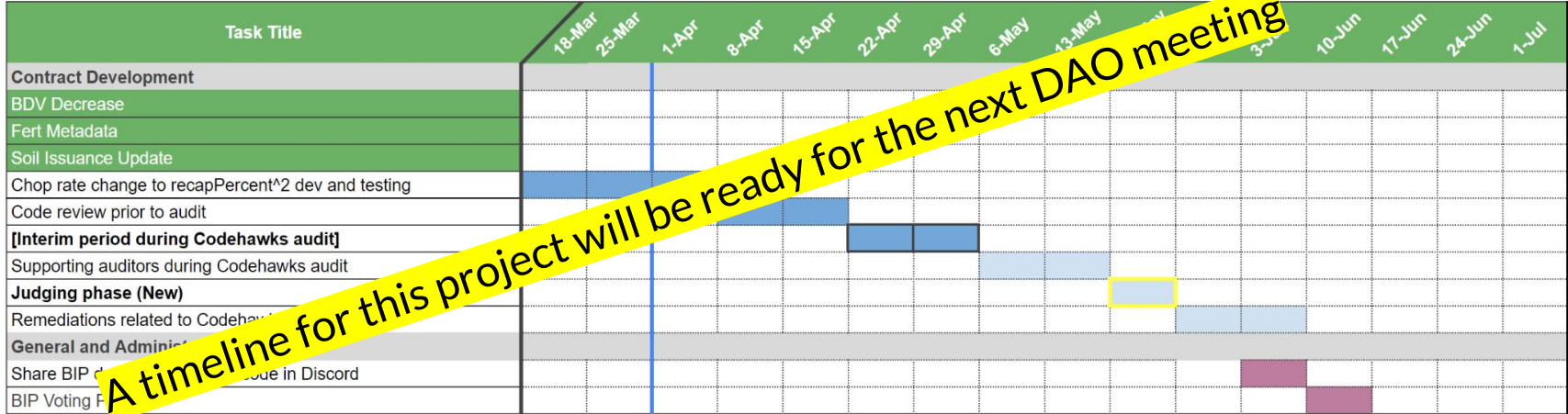-For more information, please see the associated RFC Channels on Discord

Task Title	18-Mar	25-Mar	1-Apr	8-Apr	15-Apr	22-Apr	29-Apr	6-May	13-May	20-May	27-May	3-Jun	10-Jun	17-Jun	24-Jun	1-Jul
Contract Development																
BDV Decrease																
Fert Metadata																
Soil Issuance Update																
Chop rate change to recapPercent^2 dev and testing																
Code review prior to audit																
[Interim period during Codehawks audit]																
Supporting auditors during Codehawks audit																
Judging phase (New)																
Remediations related to Codehawks audit																
General and Administrative																
Share BIP draft and near final code in Discord																
BIP Voting Period																

Secure Beanstalk

Target Deployment: TBD

Notes
-Key Contributors: Funderberker
-Completed tasks are highlighted in green
-Task darkness is correlated to confidence in timeframe; darker color = higher confidence
-For more information, please see the Secure Beanstalk RFC Channel on Discord

Task Title	18-Mar	25-Mar	1-Apr	8-Apr	15-Apr	22-Apr	29-Apr	6-May	13-May		3-J	10-Jun	17-Jun	24-Jun	1-Jul
Contract Development															
BDV Decrease															
Fert Metadata															
Soil Issuance Update															
Chop rate change to recapPercent^2 dev and testing															
Code review prior to audit															
[Interim period during Codehawks audit]															
Supporting auditors during Codehawks audit															
Judging phase (New)															
Remediations related to Codeha...															
General and Administ...															
Share BIP ... ode in Discord															
BIP Voting F...															

A timeline for this project will be ready for the next DAO meeting

Tractor

Target Deployment: TBD

Task Title	18-Mar	25-Mar	1-Apr	8-Apr	15-Apr	22-Apr	29-Apr	6-May	13-May	20-May	27-May	3-Jun	10-Jun	17-Jun	24-Jun	1-Jul
Contract Development																
Contract implementation																
Contract testing	■															
Standard Development Kit (SDK) development		■	■													
SDK testing																
Library of standard blueprints and sub-blueprints							■	■	■	■						
Tractor Workflow Design					■	■										
Tractor UI Design							■	■	■	■						
Supporting auditors during Codehawks											■	■	■			
Remediations related to Codeh...															■	■
General and Administrative																
Share BIP draft and near final code in Discord																■
BIP Voting Period																

On hold until Secure Beanstalk is completed

Open Discussion/Q&A

Appendix

Beanstalk Farms H1 2024 Paid Contributors

Developers
Alecks
Brean
Deadmanwalking
Funderberker
Pizzaman
Soil King
Uncoolzero

Other Contributors
Aloceros (Ops & Finance)
Cujowolf (Subgraph)
Rex (Project
Updates/Comms)