

Title:	trusted data lake of Casper events
Short Description:	Grant structure thoughts
Explanation Benefit:	<p>If successful the project will bring new scaling opportunity for level-1 protocols to execute value transactions and smart contracts. The current technology reality is that level-1 blockchains will carry forever it's history which will put an increasing demand on storage requirements for all participating nodes. This is not very sustainable and efficient.</p> <p>The number of implementations of DAO's is going to be exponentially growing and there is a need for level-1 blockchain protocols to be able to deal with the increased volume of transactions and history where pruning is going to be needed.</p>
Total Grant:	500000
Resume:	
Extra Notes:	
Received Grant Before:	No
Grant Id:	
Has Fulfilled:	No
User Id:	168
Has Mentor:	No
Mentor Name:	
Mentor Hours:	
Company or Organization:	No
Entity Name:	
Entity Country:	
Team Members:	<p>Team Member 1 : Kristof de Spiegeleer</p> <p>Team Member 2 : Jan de Landsheer</p> <p>Team Member 3 : Christopher Hutton</p> <p>Team Member 4 : Andreas Hartl</p> <p>Team Member 5 : Rob Van Mieghem</p> <p>Team Member 6 : Ahmed Thabet</p>
Milestone #1	<p>Milestone title: Initial pruning research document</p> <p>The portion that the OP is requesting from the total grant for the milestone: 100000</p> <p>Due date:</p> <p>Details of what will be delivered:</p> <p>Layer-1 blockchain pruning is key to it's growth and applicability to any DAO growth . Initial research will be done with the Casper Labs Layer-1 protocol.</p> <p>Acceptance Criteria:</p> <p>research document with findings.</p>
Milestone #2	<p>Milestone title: Build proof of concept based on the research document</p> <p>The portion that the OP is requesting from the total grant for the milestone: 400000</p> <p>Due date:</p> <p>Details of what will be delivered:</p> <p>the finding and recommendation in the research document will be translated into a working proof of concept which will demonstrate the findings and proof a pruning mechanism workable solution.</p> <p>Acceptance Criteria:</p> <p>being able to prune the layer-1 blockchain and keep the layer-1 protocol sustainable, small and efficient.</p>