I'm glad to see settlement rollups!

Reposting from the other thread: I'd like to see the Evmos settlement rollup be validity proven, enabling something like the Mina <> Ethereum bridge. (The delays with fraud proofs makes this harder to accomplish.) That said, I think it's pragmatic to just post proofs to Ethereum directly, commit data to Celestia, and skip the Evmos settlement rollup entirely. A settlement layer is only as good as its liquidity, security, and network effects, and for rollups at scale the costs are so negligible (a 1,000 TPS ZKR only spends $0.00003 per transaction in gas fees to Ethereum) that the optimizations are much lower priority. Of course, Ethereum has its optimizations in the roadmap too - statelessness, separation of DA with data sharding & DAS will address most of the above concerns, but they will take time. Settlement rollups still make sense for ORs, low value, low activity rollups, and the hope is over the years/decades they can build network effects and liquidity to attract higher value rollups as well.

I'd also argue having a programmable settlement layer is valuable, as it enables exciting usecases like dAMM and DeFi Pooling. So, IMO, restricting functionality is not an ideal solution.

Related, essentially StarkNet L2 becomes a settlement layer for rollups further up the ladder![Fractal Scaling: From L2 to L3. It's layers all the way down | by StarkWare | StarkWare | Dec, 2021 | Medium](#)