



ECOBINDER

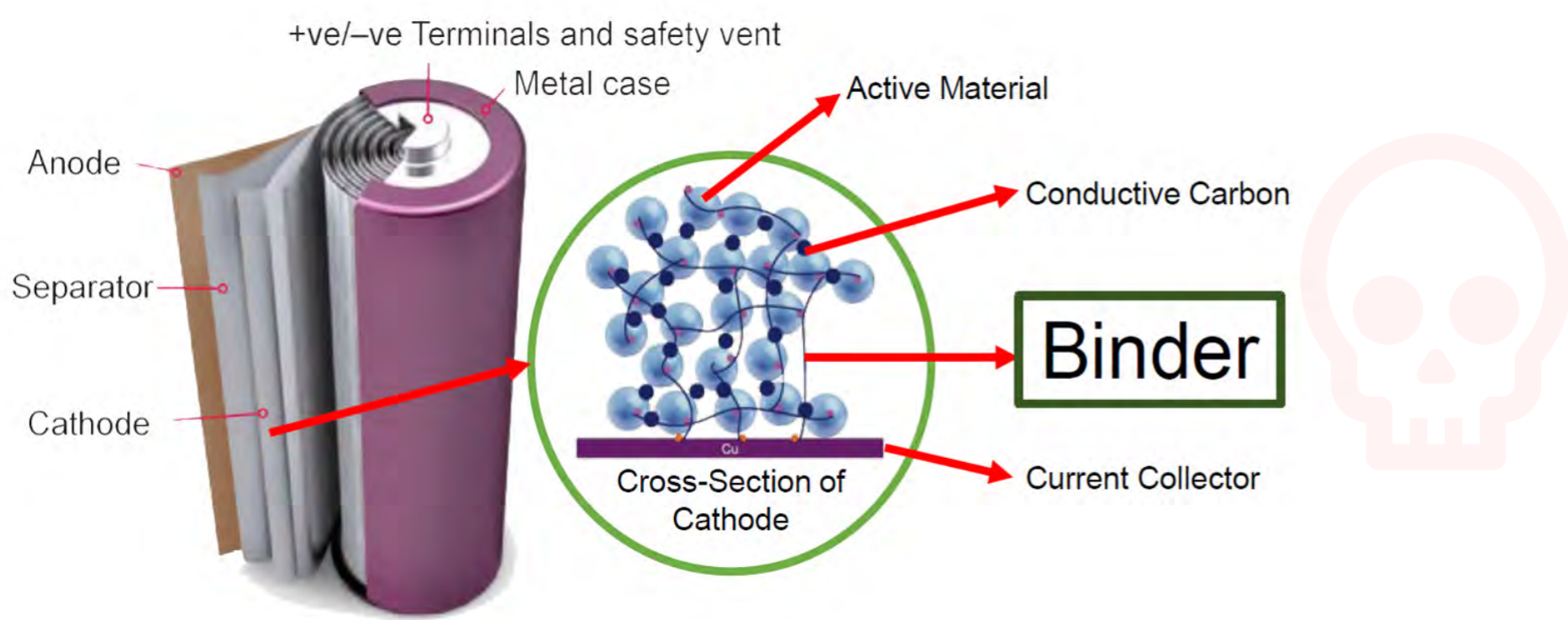


Institute for Engineering Leadership
Faculty of Engineering

Green Battery Materials Solution

Bringing affordable and clean energy through eco-friendly battery materials

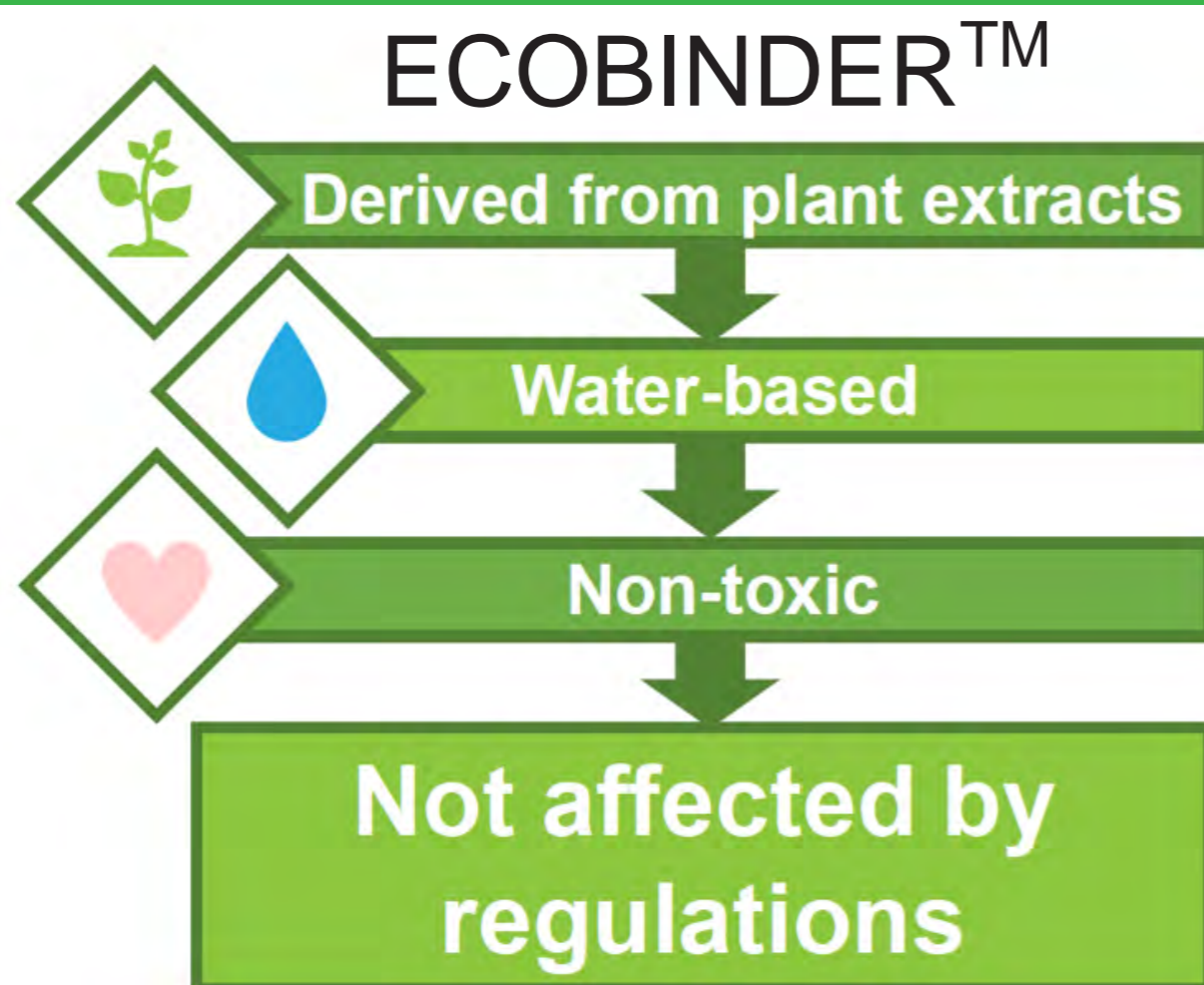
PROBLEM



Problems with binder:

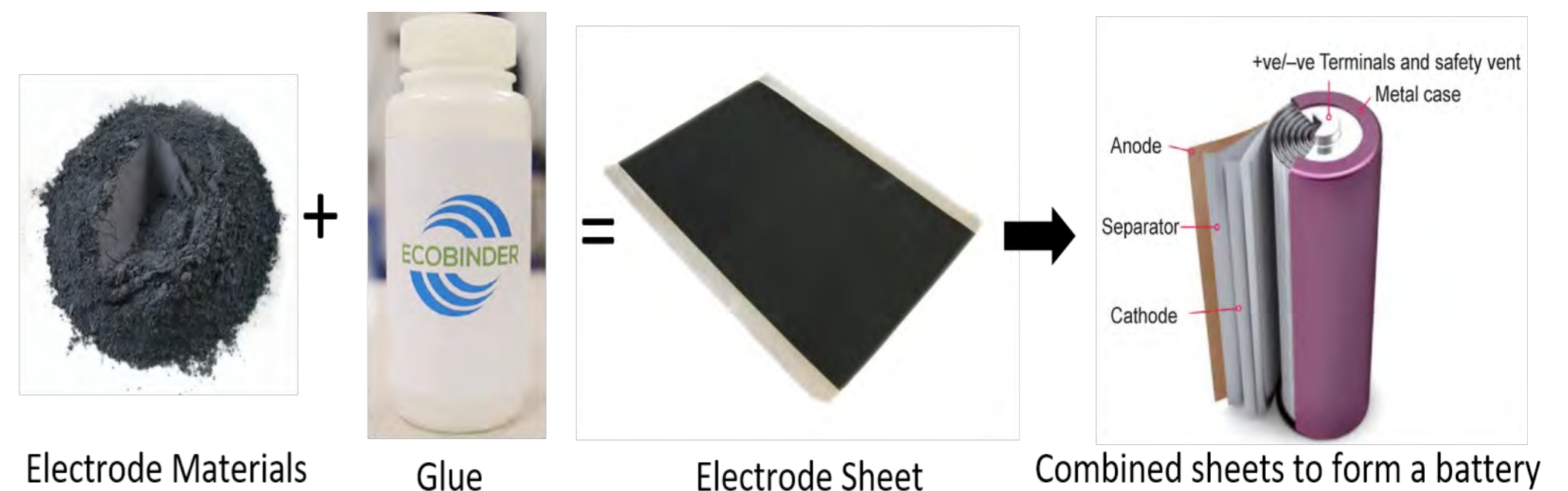
- ❑ Toxic NMP solvent is used.
- ❑ Health hazard to workers.
- ❑ Incur high costs in control measures, waste recovery and insurance premium.
- ❑ Strict regulation (EU's REACH Annex 8 Section 71) and trend is expanding.
- ❑ No replacement of NMP.

PRODUCT

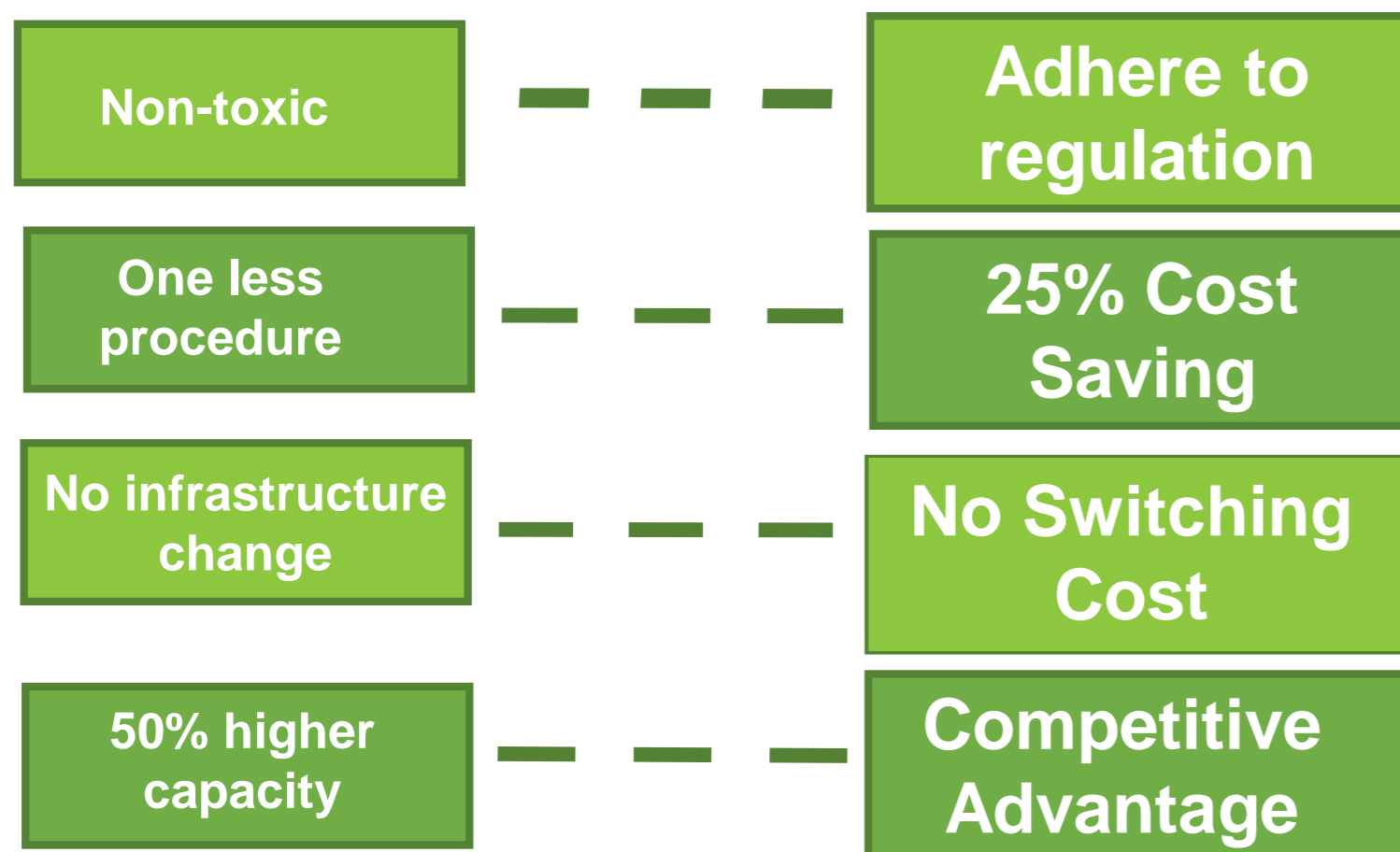


SOLUTION

Glue to bind Electrode materials to the sheets in batteries



BENEFITS



TECHNOLOGY

Intellectual Property

Battery Electrode Binder (US 2019/0229336)

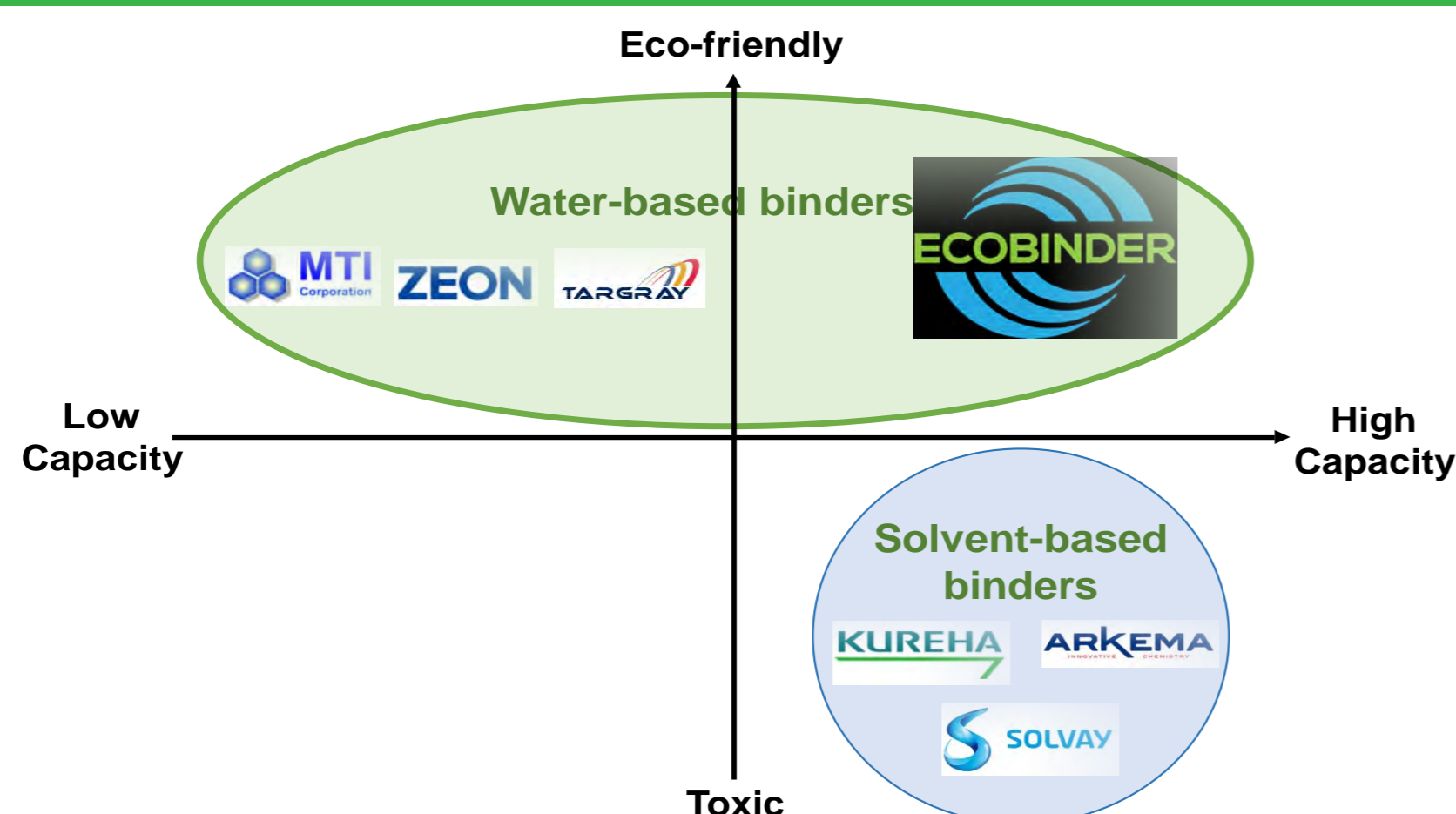
6 national phase patents -

High degree of freedom to operate

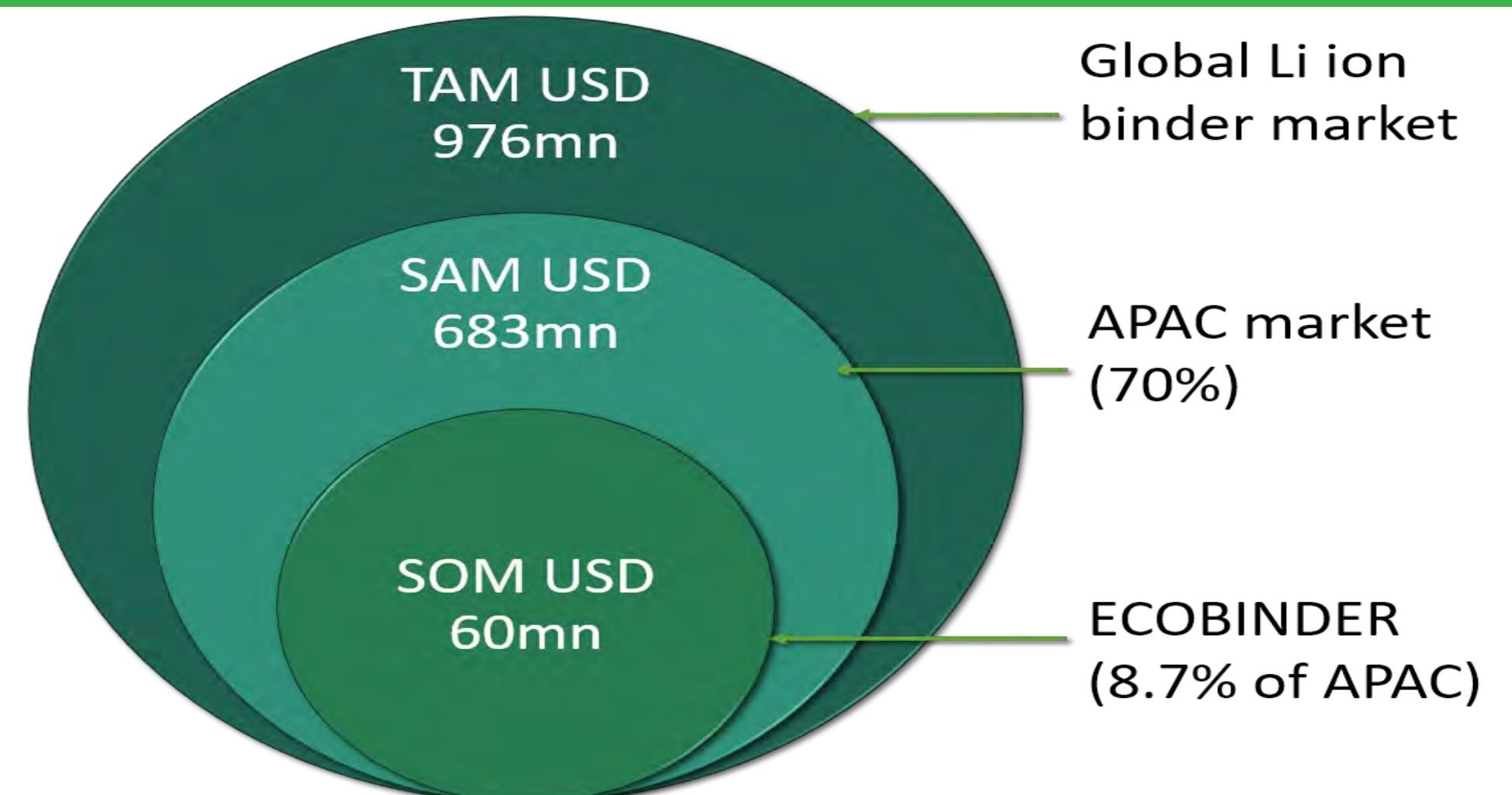
Achievements

2 LOIs from launching customers

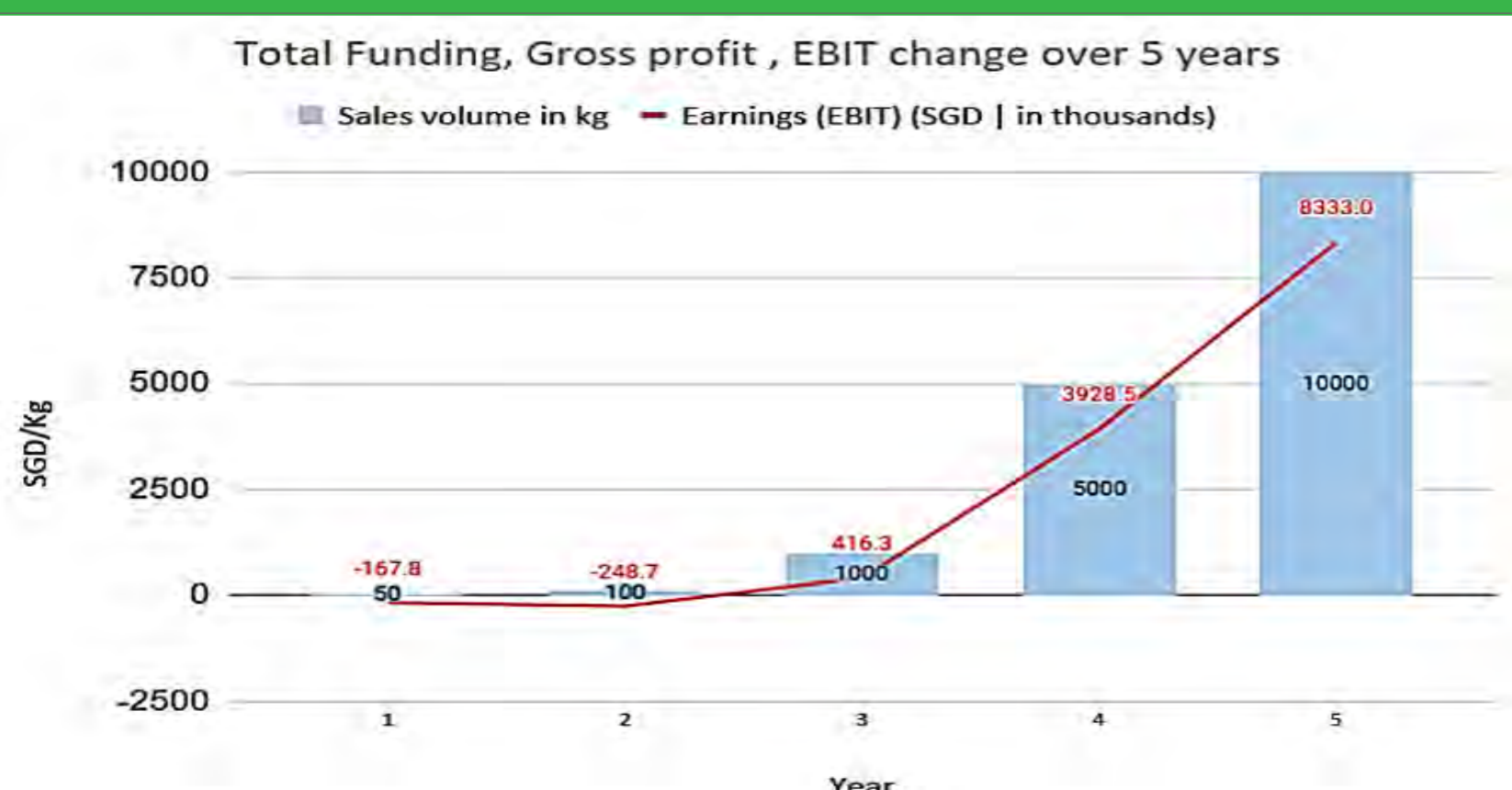
COMPETITION



MARKET SIZE



FINANCIALS



FUTURE APPLICATIONS

Medicine, Glue

CONTACT

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