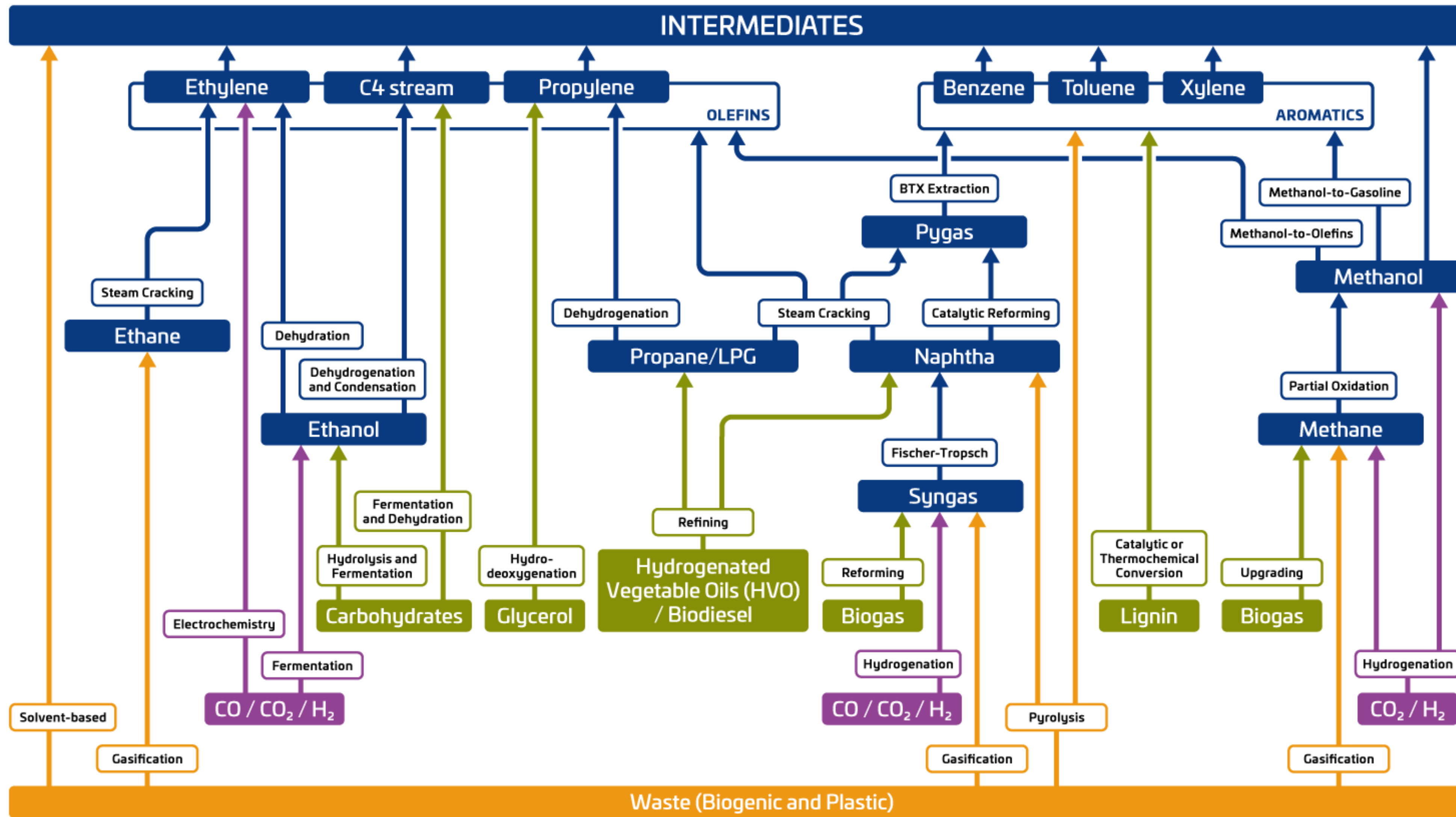
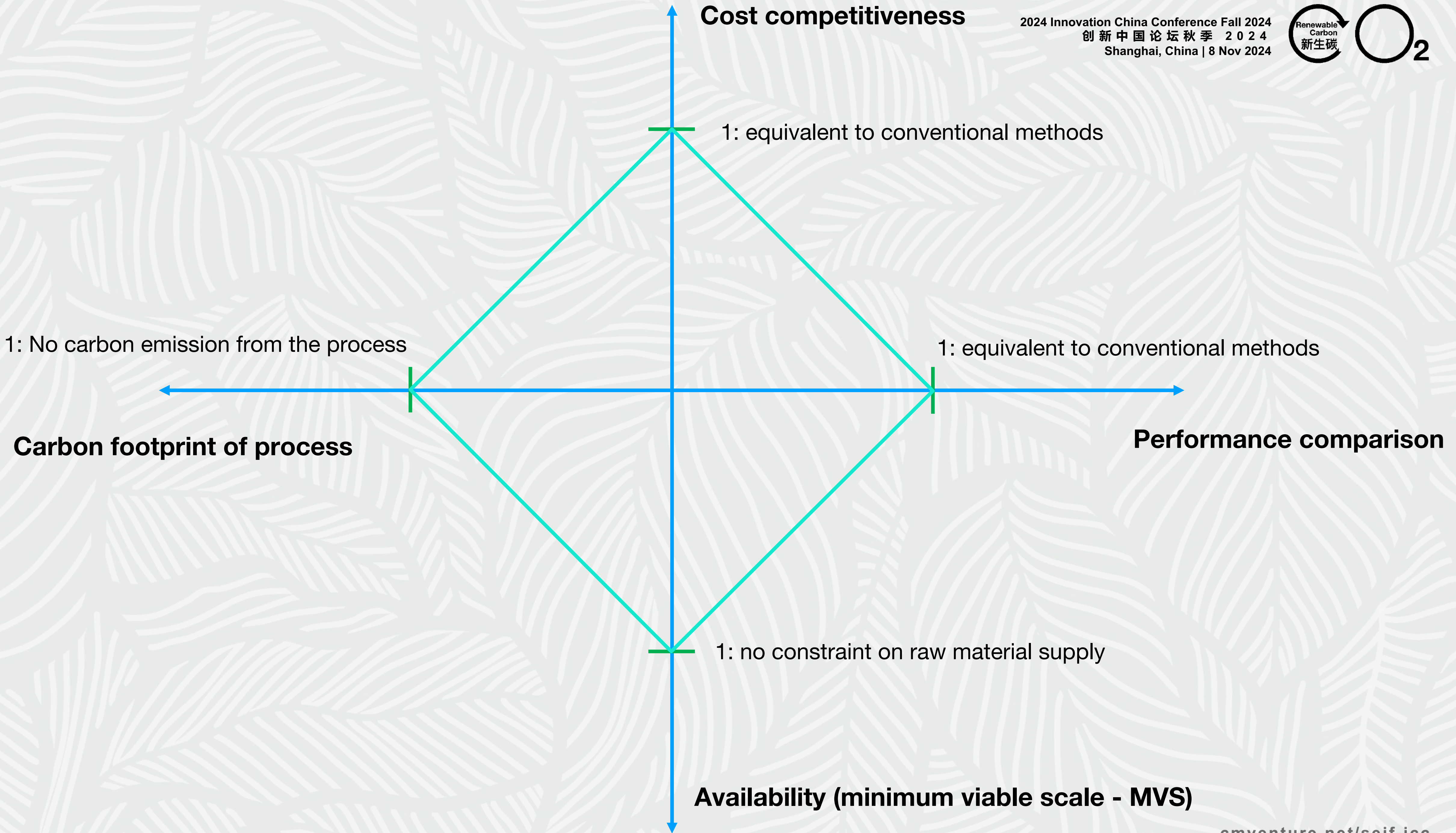




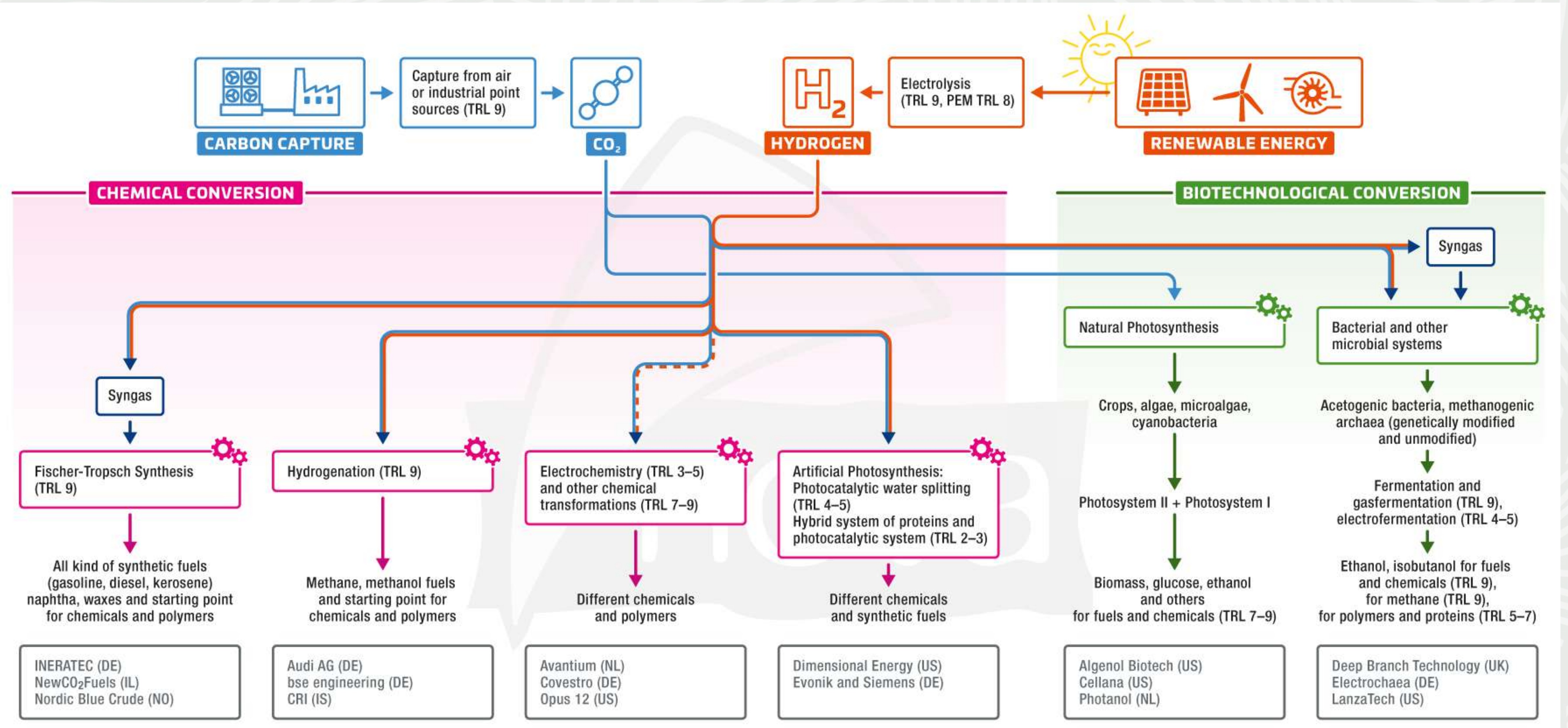
Investing in Renewable Carbon

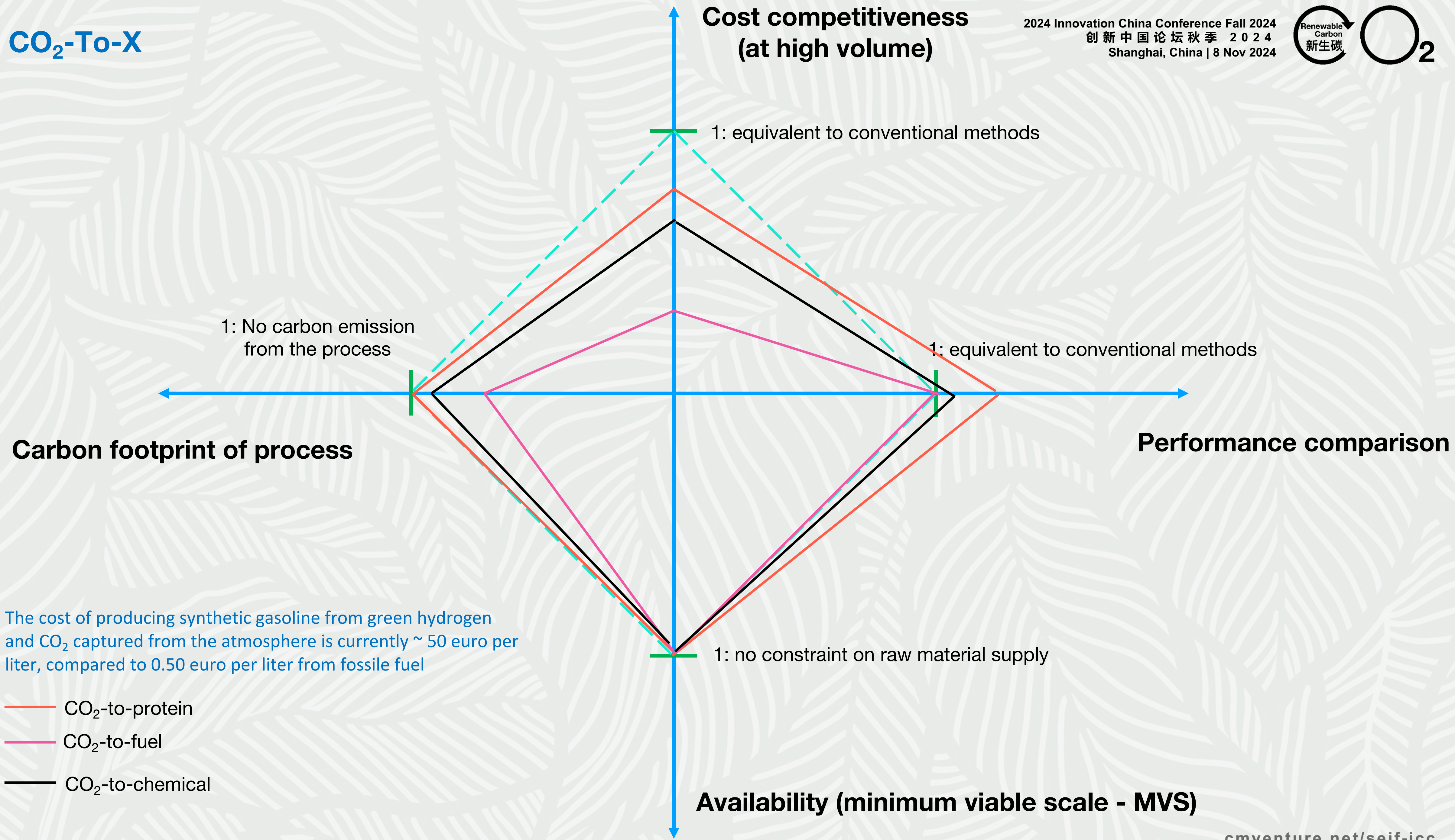
CM Venture Capital





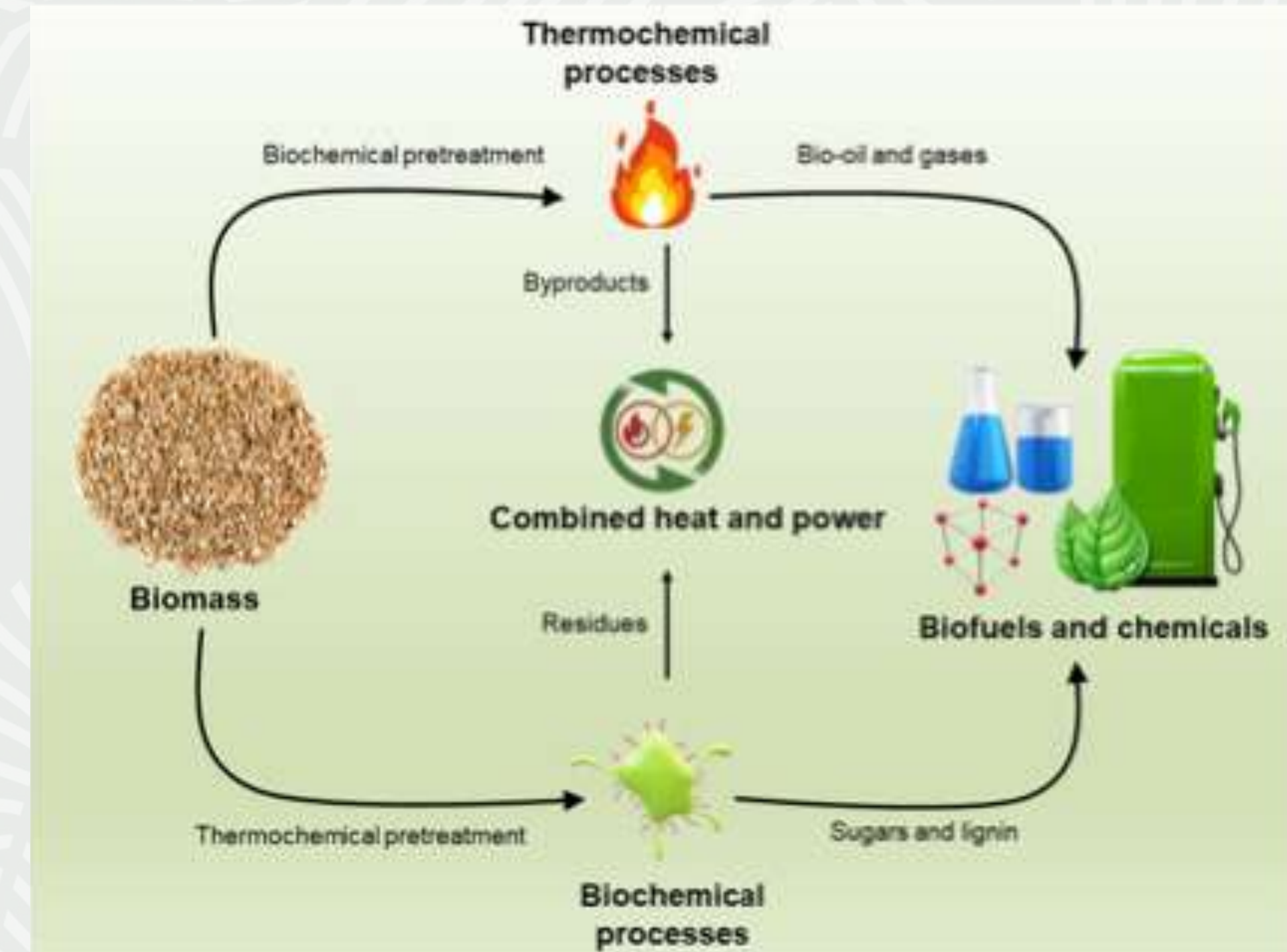
CO₂ utilization and renewable energy

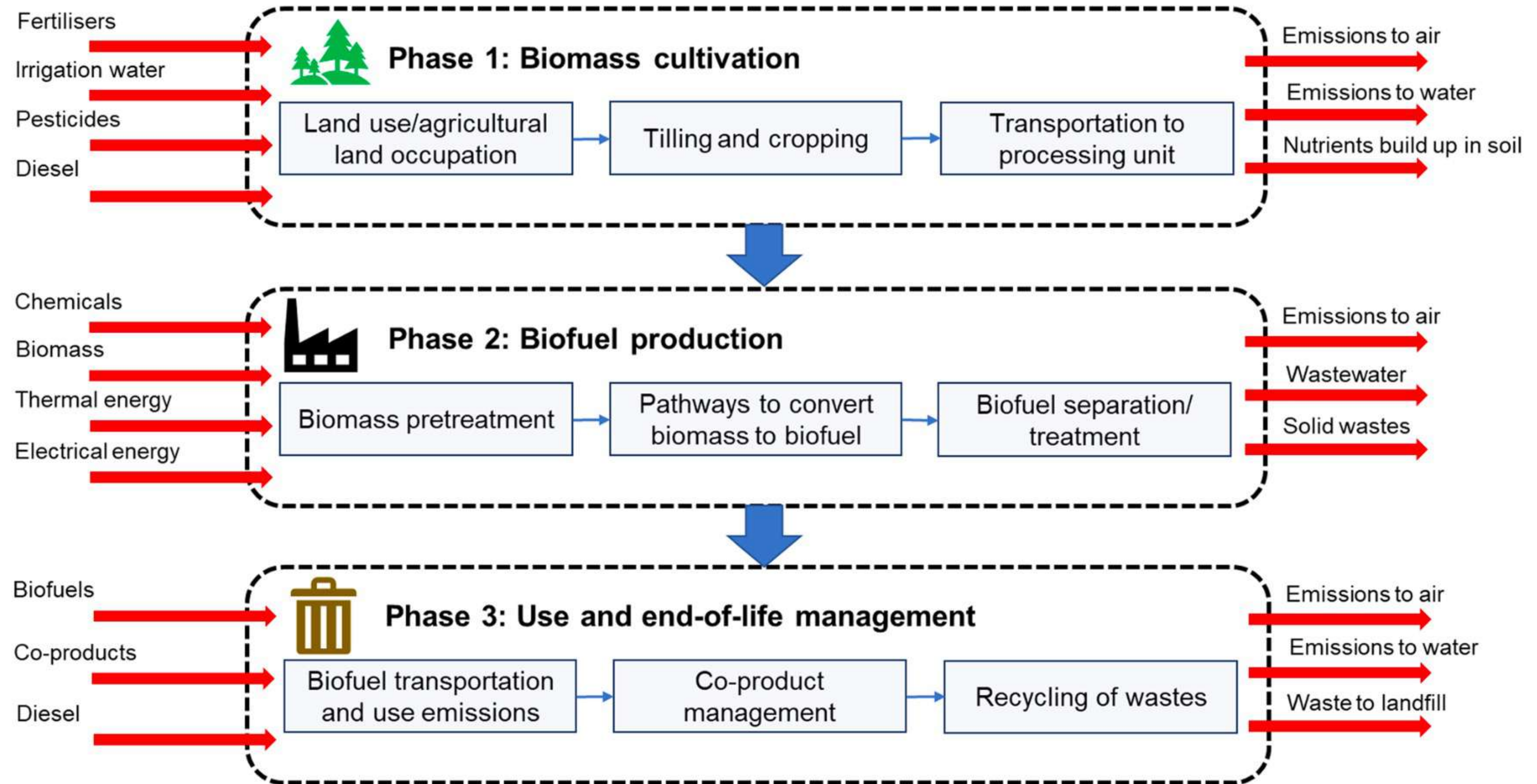


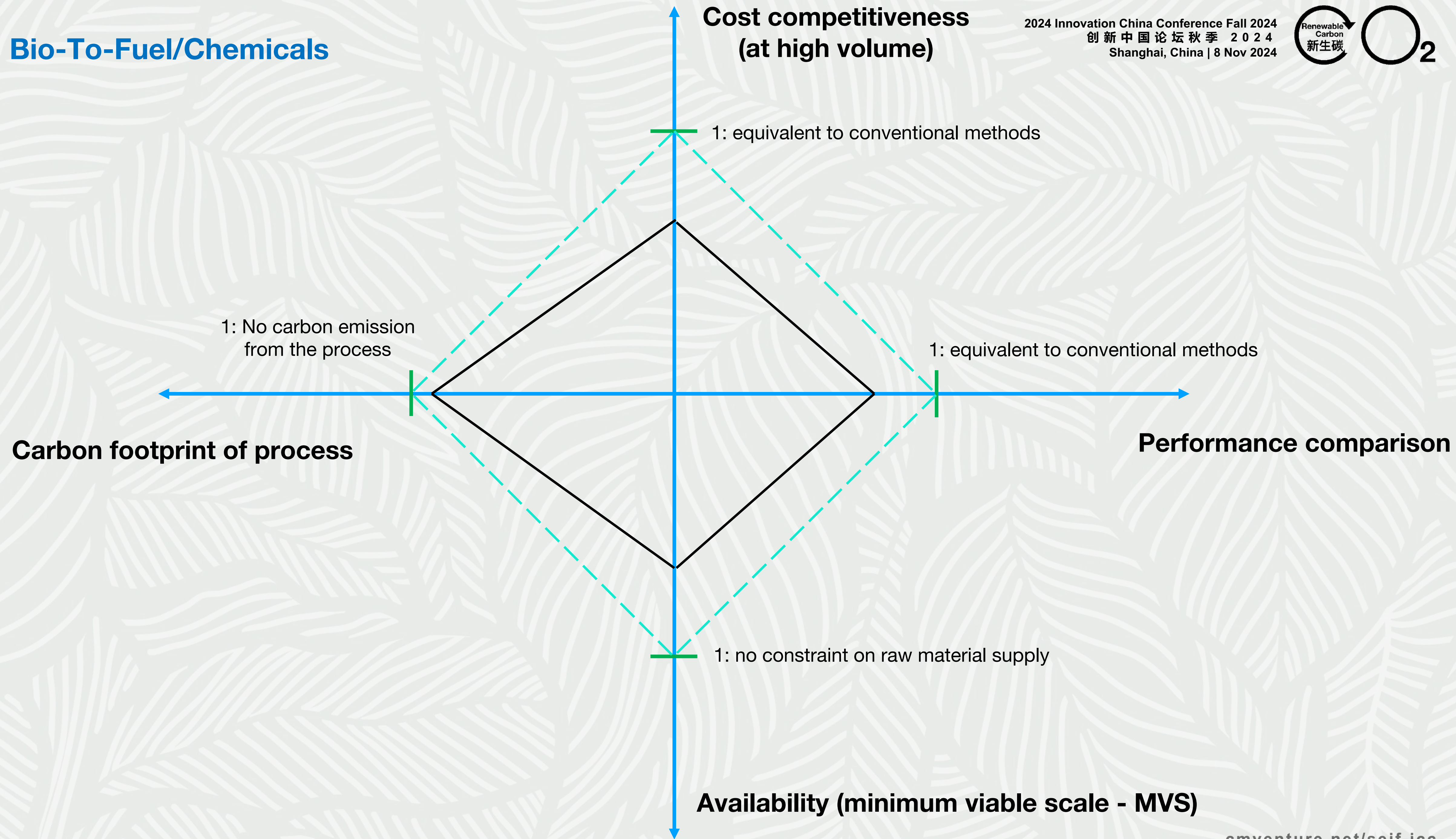


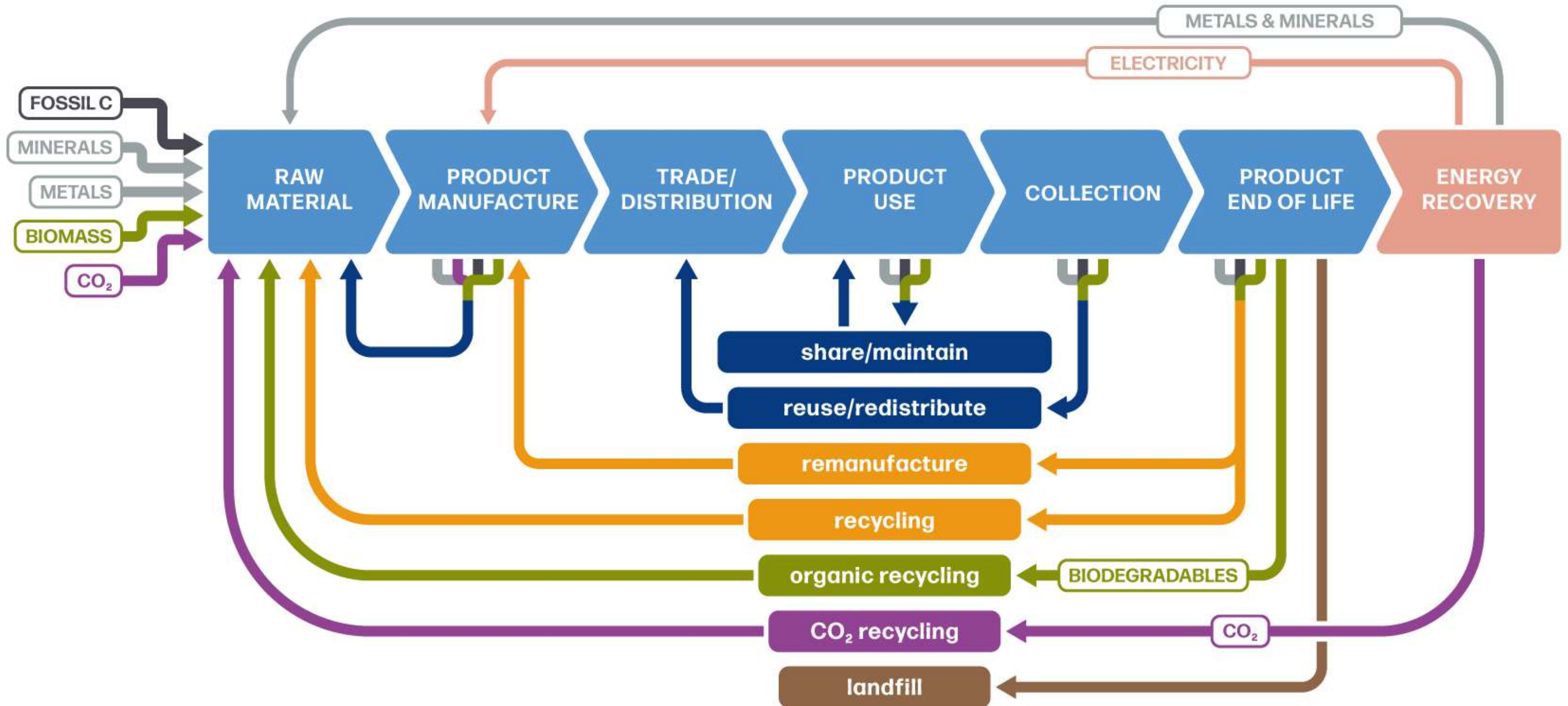
The cost of producing synthetic gasoline from green hydrogen and CO₂ captured from the atmosphere is currently ~ 50 euro per liter, compared to 0.50 euro per liter from fossil fuel

FIRST GENERATION			SECOND GENERATION				
Corn Sugar Cane/Sugar Beet Soy & Palm Oils Cassava			Switchgrass Jatropha Grasses Forestry (Hemicellulose & Lignin) Miscanthus				
FEEDSTOCKS							
<i>Gasification, Pyrolysis, Torrefaction, Pretreatment Biochemical Fermentation Processes</i>							
Sugars Glucose, Fructose, Xylose, Arabinose, Lactose, Sucrose, Starch		Platforms		Syn Gas			
C2 Route Ethanol to Ethylene Ethyl Acetate Glycol Acid Ethylene Glycol Acetic Acid	C3 Route Glycerol Lactic Propionic Acid Malonic Acid Serine	C4 Route Succinic Acid Fumaric Acid Malic Acid Aspartic Acid Acetoin Threonine 3-Hydroxy-butyroactone	C5 Route Itaconic Acid Furfural Levulinic Acid Glutamic Acid Xylonic Acid Arabitol	C6 Route Citric Acid Sorbitol Lystine Gluconic Acid Glucaric Acid	Syngas Route H ₂ Methanol Mixed Alcohols Oxo/Iso Synthesis Products Fischer-Tropsch Liquids		
INTERMEDIATES							
Butanediol (BDO) C4 Molecules PBS PBT	Succinic Acid C4 Molecules PBS PBT Solvents Deicing	Butanol Solvents Paints Butyl rubber PET Fuels	Butadiene Rubber ABS	Isoprene Rubber	Propanediol (PDO) Fibers Cosmetics Polyurethanes PBT	Acrylic Acid Coatings Adhesives Plastics	Furans Polyesters Polyurethane Fuels
	Adipic Acid Nylons Resins Polyurethanes				Teraphtalic Acid PET Plasticizers		

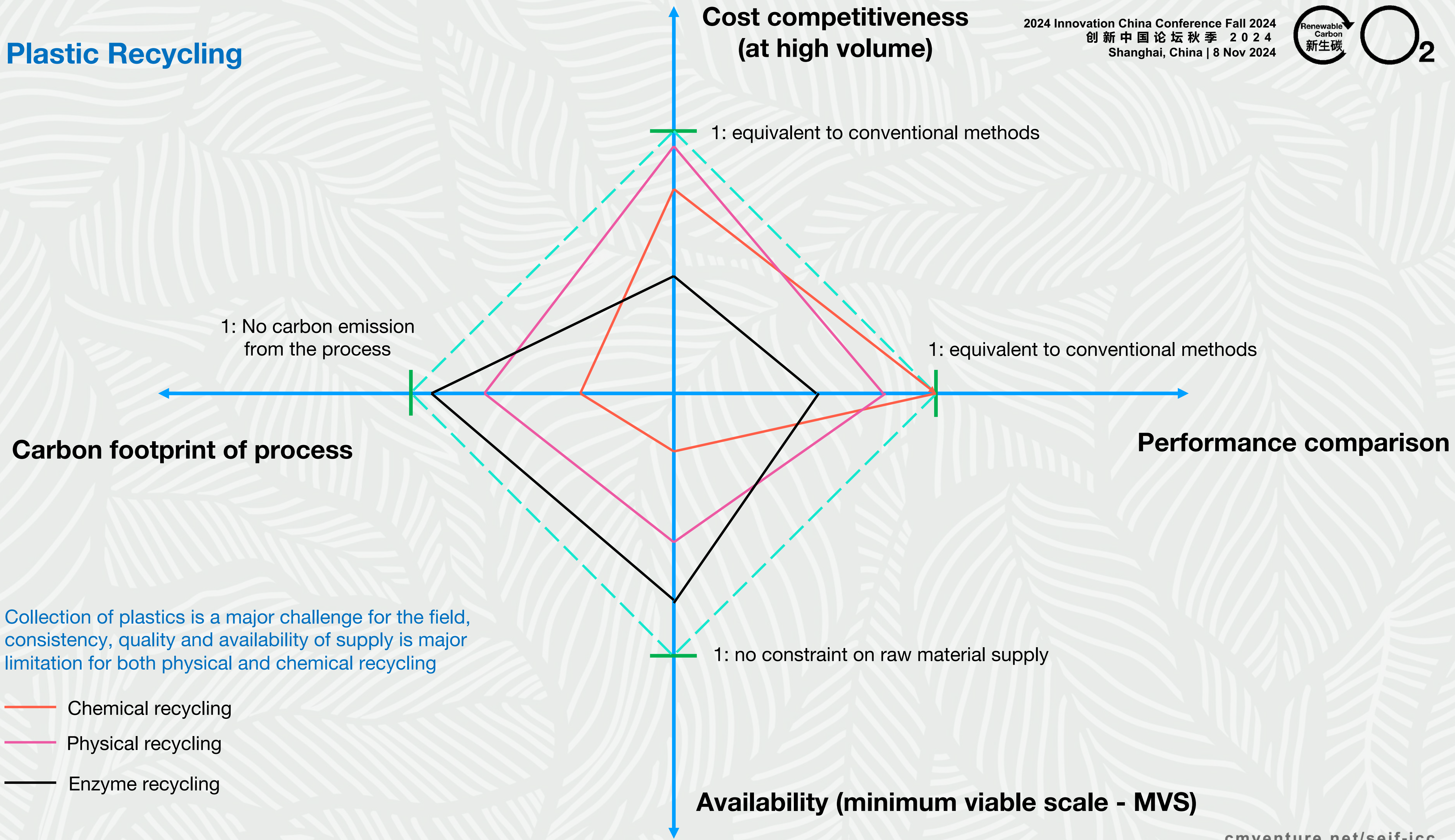






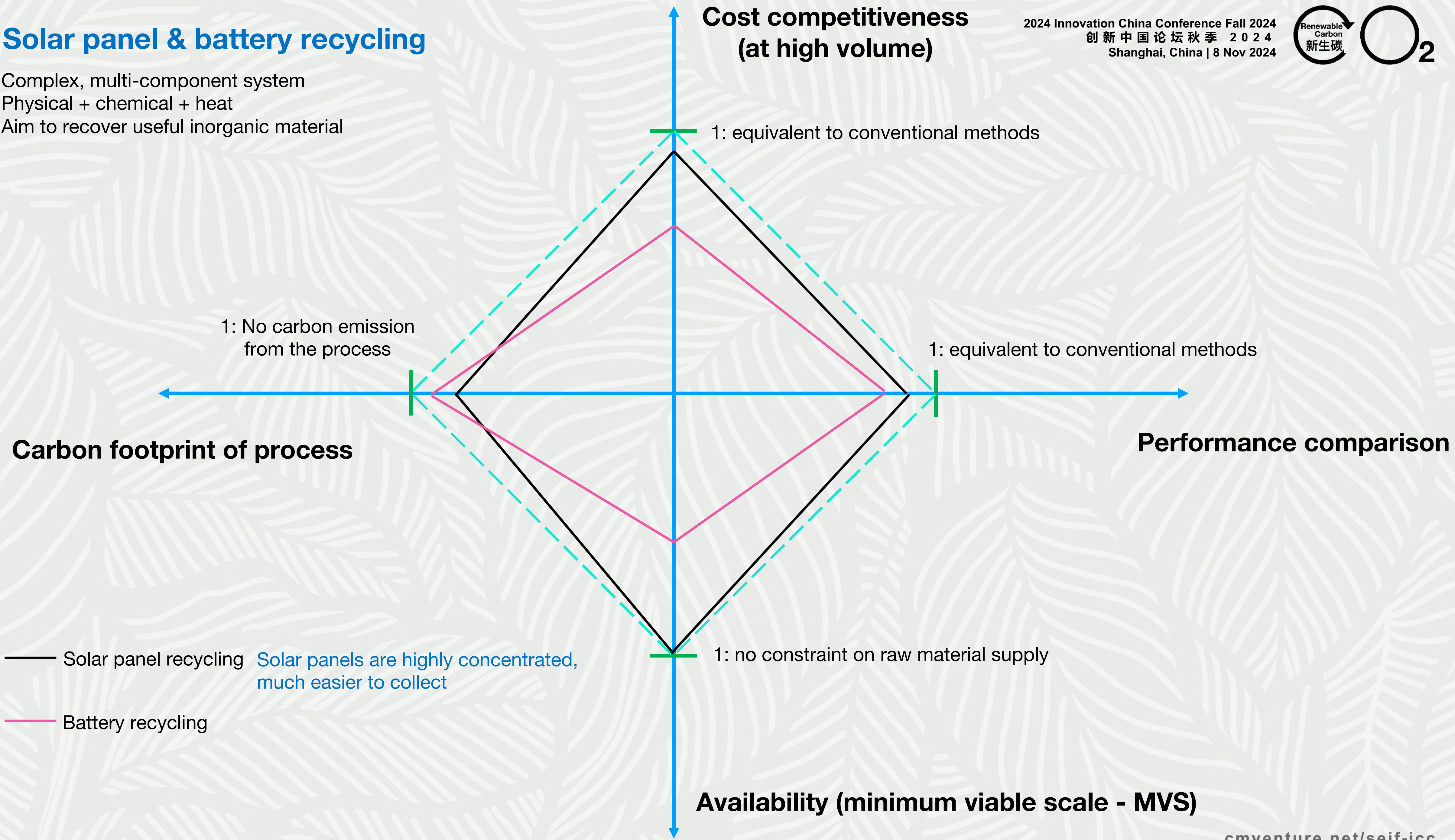


Plastic Recycling



Solar panel & battery recycling

Complex, multi-component system
Physical + chemical + heat
Aim to recover useful inorganic material



1

Hard to Collect – Fragmented Supply



2

Low Carbon/Energy Concentration



3

Policy Uncertainties

RENEWABLE CARBON INITIATIVE



1

Supply Partnership



ENWISE
倍奇能源



PEPSICO



econic

PERENCO 




novonutrients
food and feed from CO₂™

 Woodside
Energy

sengong
森工科技

 中通快递
ZTO EXPRESS

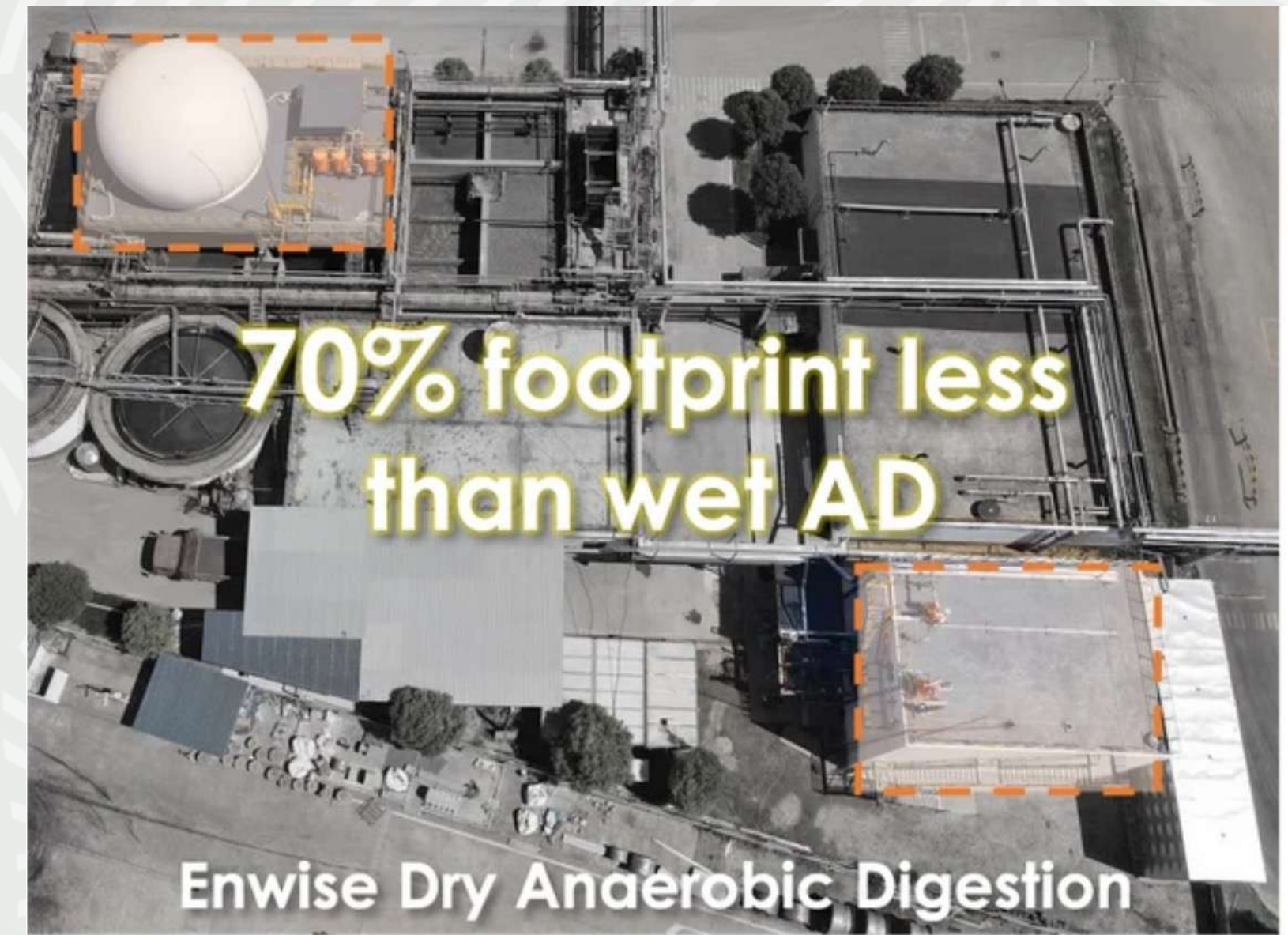


2

New & Better Products



ENWISE
倍奇能源



2

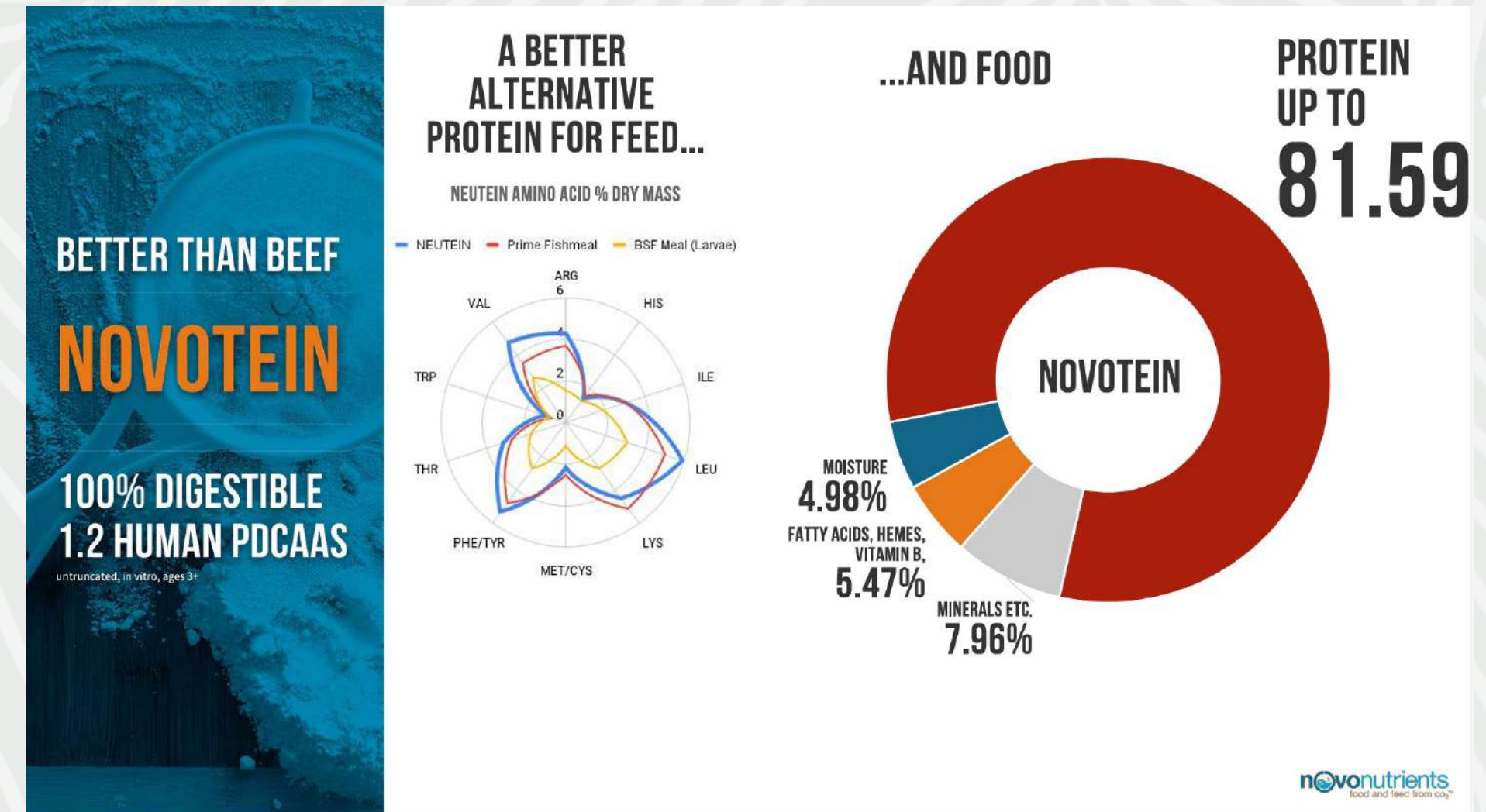
econic

**New & Better
Products**



2

New & Better Products



2

sengong
森工科技

New & Better
Products

新型PVA环保膜应用与研发商

降低客户成本 50%
专利技术 20+

FOYOOECO 复宇生态™
深圳森工新材料科技有限公司

助力企业实现低成本与环保的双赢目标

物流中转袋/快递袋

原料由PVA制成,可降解,环保,且可回收,安全环保。

- SOXIC降解
- 一体成型工艺
- 全生物可回收
- 成本降低50%
- RFID定位追踪
- 重量误差降低

拉链纸箱FBOX

创新的箱盖设计,在顶部和底部加入更多PVA膜,实现多次循环使用。

- 最少3次以上复用
- 防水PVA膜
- 防污防油
- 免胶密封盖
- 全材料可回收
- 回收成本低

如何做到低成本与100%环保

通过技术创新,实现从生产到回收的快速全环保循环流程,确保每个环节的最低成本与零碳排放。在保持高品质的同时,满足低成本与环保的双重标准需求。

流程一:50X50次循环复用:重复使用后,再重溶制成新袋

- 溶解PVA材料:结合特殊工艺和收卷配方,提高溶解,加工性能。
- 溶液制成膜材:自主研发生产设备及回收技术,实现精准控制成本原料生产。
- 一体成型制袋:一体化成型工艺及特殊制袋,确保制袋品质性能。
- 50+重复使用:成品经人工检测,单袋可循环使用50次以上。
- 回收清洗:通过环保回收设备,进行材料处理。

同份膜材可重溶加工复用50次+

流程二:废弃利用:制成防风固沙膜,原材料利用率100%

原料废弃后,采用高温溶解技术,结合特殊改性配方,将其转化为防风固沙膜。这种液体填充于沙土表面,能有效防风固沙,改善土壤结构,可以种植耐旱植物。3-5年后随雨水冲刷,即可完全降解。

3

**Most importantly,
Makes money for customers!**





Renewable Carbon

One Company at a Time