



THE GLOBAL LPG PARTNERSHIP

BIOLPG: A MAJOR BREAKTHROUGH FOR ACHIEVING THE GREEN TRANSITION AT SCALE

PRESENTATION TO **WORLD FUTURE FUEL**

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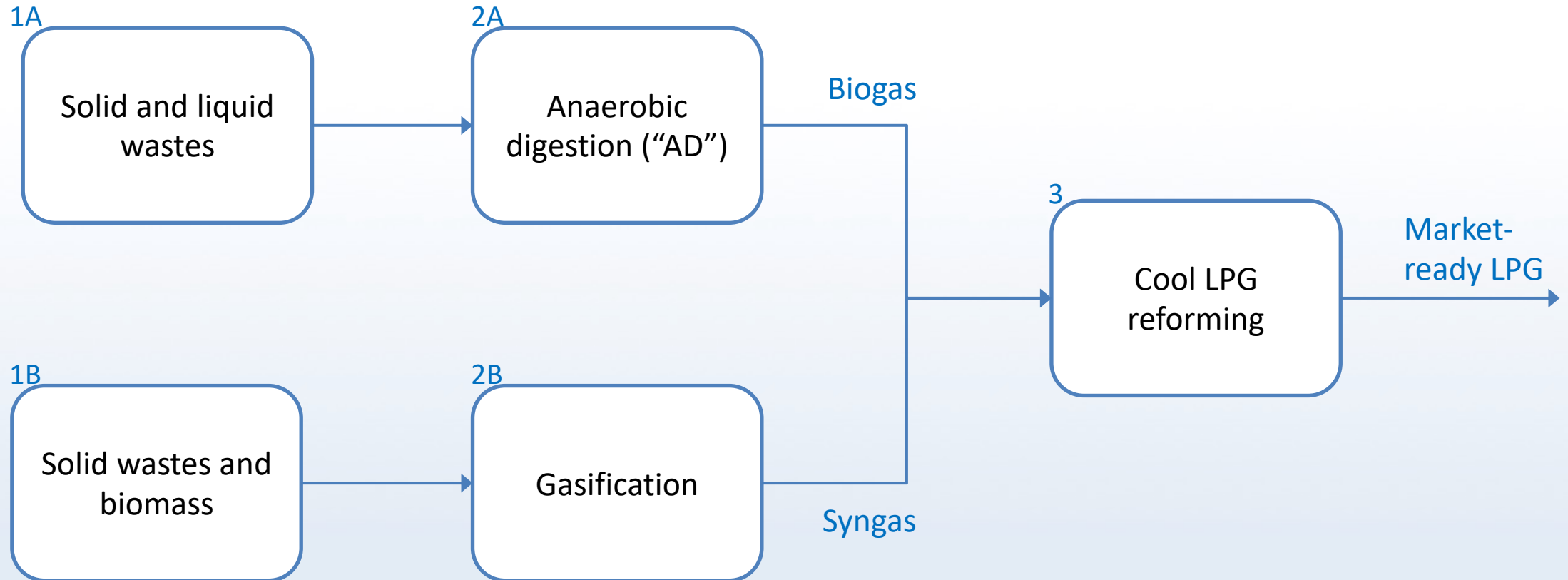
1. RENEWABLY SOURCED LPG (“BIOLPG”) AT SCALE IS NECESSARY

- 1.1. For many well-evidenced reasons, increased use of LPG for cooking is a goal of many Governments, including India.
- 1.2. LPG is a proven ecosystem of policies, regulations, market practices, reliable supply at scale, infrastructure and affordable consumer equipment.
- 1.3. LPG presently is a fossil energy, but markets would welcome green LPG at scale, enabling them to support national green transition ambitions/schedules.
- 1.4. COOL LPG, a US breakthrough in catalytic reforming, has demonstrated the possibility of BioLPG production at scale from biogas or syngas.
- 1.5. Use of the latent energy in wastes is a circular economy activity that could valorize huge Indian waste resources -both urban and rural - and reduce the need for import of LPG from the volatile global fossil LPG market.

2. A CONCEPTUAL ROADMAP OF HOW BIOLPG CAN BE DEVELOPED

- 2.1. Assess feedstock potential.
- 2.2. Aggregate and coordinate relevant stakeholders.
- 2.3. Coordinate with National, State and Local Government.
- 2.4. Conduct the sequence of relevant studies and preparation: pre-feasibility, feasibility and project preparation.
- 2.5. Properly prepare finance markets: commercial/investment/development banks, insurance companies, state funding.

3. COOL LPG PHYSICAL PATHWAY TO BIOLPG



4. ADDITIONAL INFORMATION

The foundation reference for understanding the subject of BioLPG is the paper below, which was published in the journal **energies** on 30 June 2021:

BioLPG for Clean Cooking in Sub-Saharan Africa: Present and Future Feasibility of Technologies, Feedstocks, Enabling Conditions and Financing

<https://www.mdpi.com/1996-1073/14/13/3916>



THE GLOBAL LPG PARTNERSHIP

The Global LPG Partnership (“GLPGP”) is the UN and EU-backed NGO tasked with providing expert collaboration on planning and implementing appropriate development of the LPG sector nationally and regionally, in support of the Sustainable Development Goals

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