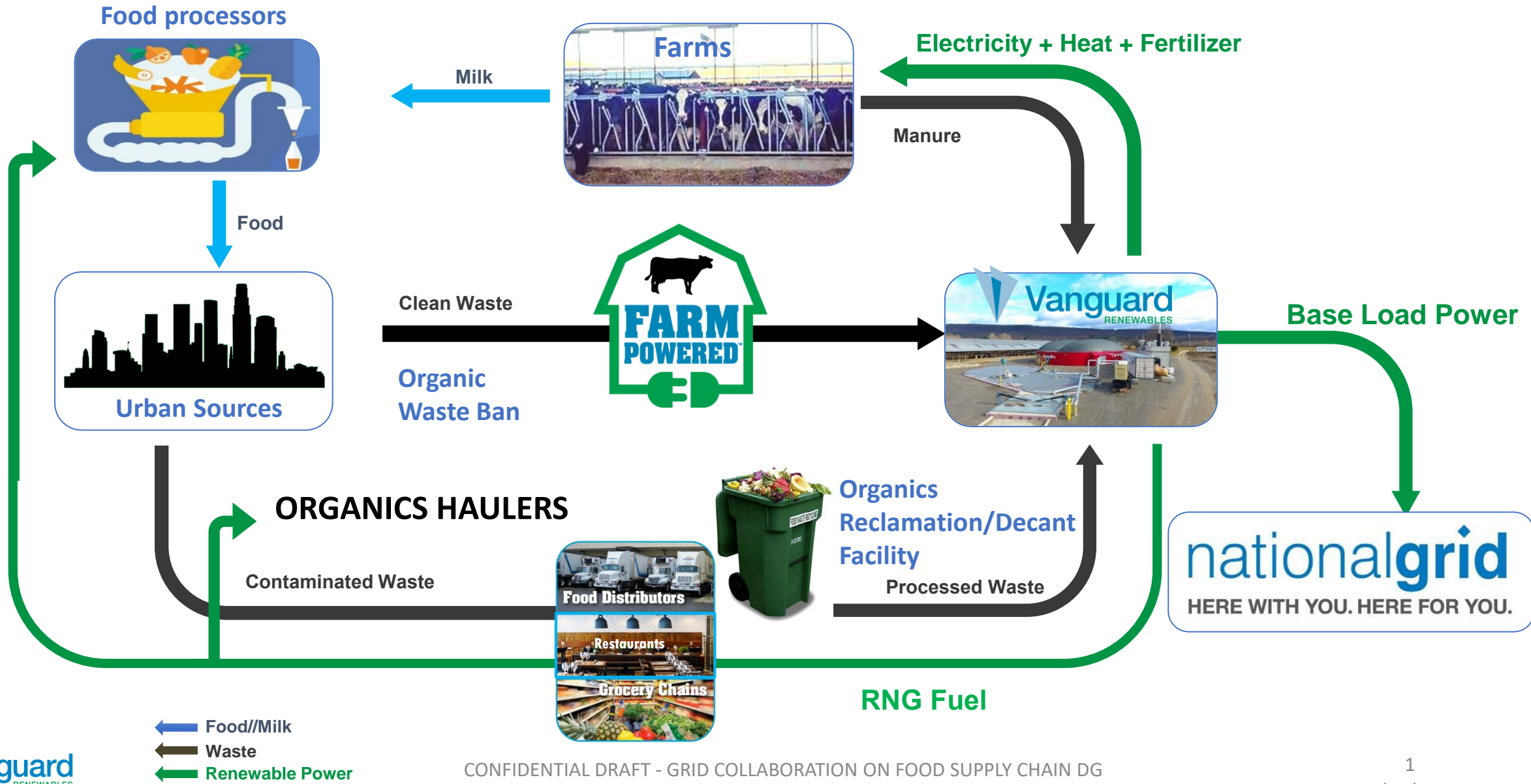


Closed Loop Supply Chain



Stakeholder Benefits – Virtual Pipeline



Renewable Natural Gas

- Distributed gas supply into green gas depot at main gas line location
- Contribute to NY RPS and GHG goals by building virtual pod of enterprises
- Improved community outreach with farmer support and Farm Power branding
- Off-takers committed to sustainable stakeholder story on carbon footprint

Campus, Farm & Food Industry Waste

- Sustainable and consistent resources for food waste disposal
- Curriculum enhancement for science and job generator
- Reducing farm odor, GHG impact, increase herd size while diversifying dairy business
- Waste generators zero waste/ repurpose uses
- Policy objective alignment with State goals

Community

- Reduced dependence on synthetic fertilizers, grow more local food
- Attracts new industry with sustainable base
- Stakeholder access to “green power” for fuel
- Organics diversion solution



Brand



Upper Hudson Virtual Pipeline Activity Pod

Generic Discussion - NYC

ORGANICS

ORF Site (Columbia County) **NEW**

NYC

Collaboration haulers/new capacity **NEW**
NYC enforcement alliance
Preprocess tankers

MILK COMPANY **NEW**

Packaged milk - branded
Sustainable attributes
Assured supply 3 farms
Waste/organic supplier
Gas user

Milk supply
RN gas
GHG attributes



FARM (3) EXPANDED **NEW**



HUDSON VALLEY FOOD PROCESSORS **NEW**

DIGESTER EXISTING TECHNOLOGY **NEW**

ALBANY/ Rensselaer County **NEW**

Dean
Pepsi
FedEx
UPS
Port of Albany
Wegman's



Virtual pipeline



GREEN GAS TRUCK TERMINAL **NEW**

Potential for NGG to sell "green gas"

Nutrient management
Effluent usage
Herd expansion
Diversification

- Electric (behind meter)
- Peaker storage?
- Farm uses/buildings
- Parasitic load



PREMIUM OFF-TAKERS (sustainable - green)

Colleges

= turbine gas + fleet fuel
Municipal fleets in town

Fleets

UPS, FedEx, Pepsi (corporate commitments)

Rensselaer County
Columbia County
Dairy haulers

INCENTIVES

1. Infrastructure
2. Development attraction
3. Terms - 20yrs-

- NYSERDA
- State Development
- Ag Department
- County development
- Utility development
- GHG credit mechanism
- DEC - water/waste
- Technology pilot

NEW new construction/jobs

