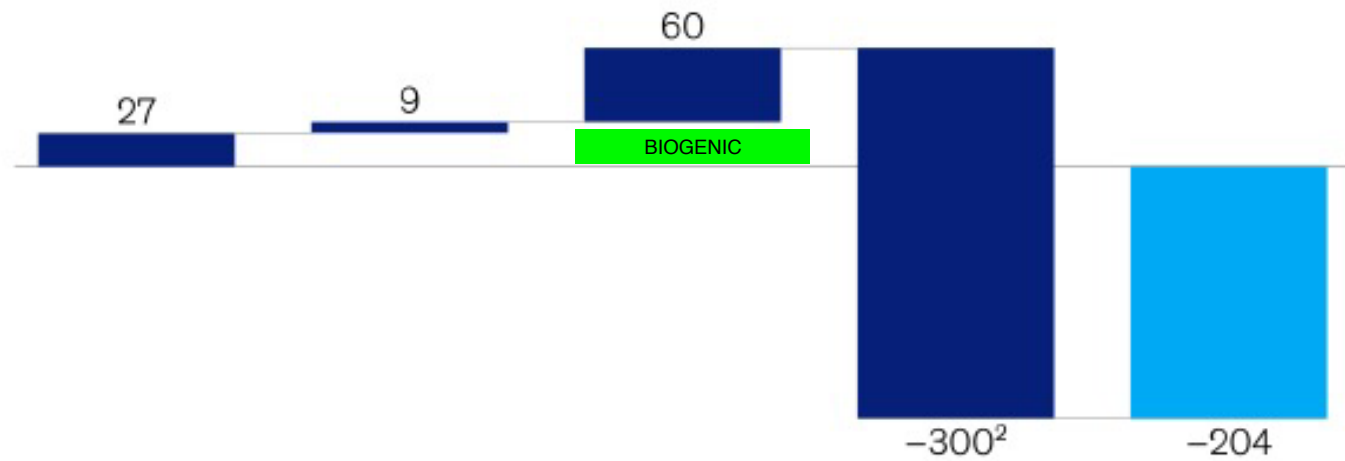


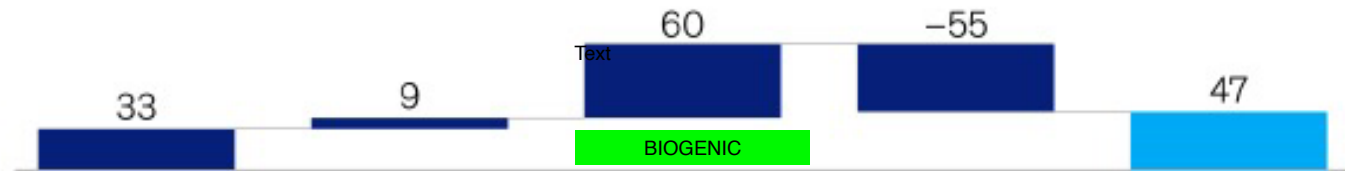
# Production and avoided emissions from creating renewable natural gas are the biggest sources of differentiation in carbon intensity across feedstock.

Carbon intensity by pathway stages, gCO<sub>2</sub>e/MJ<sup>1</sup>

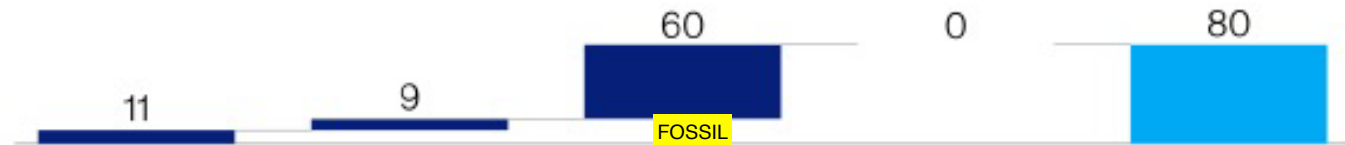
Agriculture-manure  
renewable natural  
gas (RNG)



Landfill RNG



Fossil natural gas



Production emissions    Transport and compression    Combustion    Avoided emissions    Calculated carbon intensity

<sup>1</sup>Grams of carbon dioxide equivalent per megajoule of energy.

<sup>2</sup>Depending on specifics can range anywhere between -200 and -500.

Source: CARB Basic notes; CARB Lookup tables; CARB Tier 1 simplified calculator