

# Modeling material flows through plastic recycling chains

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## Propositions

When you feel like quitting, think about why you started

*Smile*, because being positive is always better than spreading negativity. Even if today is the worst day in your life!

We gain three things from a job: *wealth*, *positions*, and *knowledge* (experience). Focus on the latter and might not need to worry about the rest.

A *systemic change* must be based on a deep understanding of the problem, sometimes at a molecular level.

*Policymakers* speak on behalf of their constituents. *Scientists* focus on innovations and discoveries. *Industries* care about profit. We need to understand everyone's interests and speak multiple '*languages*' to make a better world.

Three pillars of *sustainability*: *people*, *planet*, *profit*. Consider them all to make real actions, beyond "jargon" and "buzzwords"

*Research* can be fun and it must be conducted with high integrity and collaboration.

*PhD degree* has given me the confidence to say '*I don't know*', '*I will look into that*' and '*I know someone who can help you*'. No one will ever know everything in life.

*Plastic* waste is disproportionally blamed because they are most visible and easily spotted in the environment.

*Material flow analyses* are the foundation of sustainability and circular economy assessment.

All *mathematical models* are *wrong*, some are *useful*. So is mine!