

First stop is Istanbul in Turkey, where we meet Elif. She's an **innovator** / **inventor**. Like many big cities, there's a lot of **pollution** / **chemicalisation** in Istanbul, some caused by petroleum-based plastics. Elif wasn't happy about that and wondered what she could do. So she invented a new natural plastic made from **banana** / **apple** skins. Oh, seriously. It's **rich** / **cheap**, easy to recycle, and you can make it in your own kitchen. And if you like banana desserts, you can't really lose unless you eat too much.

So let's talk about **toilets** / **pipes**. This is Rehit. He lives in Bangalore in India. The population there is growing very quickly, and so is all the, well, **goods** / **waste**. A regular toilet uses six litres of water each time it's flushed. This is too much where water's **scant** / **scarce**. So Rehit invented a toilet that saves 50% of that water. He called it the VacuFlush. His invention won an international science prize, and now he's flushed with his own success.

