



## **Presentation for KIVI International Engineers**

### **"Oldies but goodies: circular economy and its different realities"**

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The way we live will be shaped by significant global trends like urbanization, climate change, carbon emissions, low availability of energy, the internet of things, social media among others. *Glocal* consumption of goods and services has a direct influence on our resources availability and the exponential growth of consumption has by far overpassed the natural rhythm of resources regeneration. A way to maintain our lifestyle is to organize the extraction, use, production, transportation, disposal, reintroduction of disposed materials or goods into the production chain in the smartest possible way: circular economy.

It can be as simple as recycling and it can go as complex as designing to reuse. It is interesting for everybody: municipalities, population, industry and environment, nevertheless. Although it seems to be obvious that approaching consumption in a responsible way is not only a need but an obligation, the world is not moving into that direction. Why?

This presentation will show a general overview from different realities in regards to circular economy. On the one side the general Mexican reality in agriculture and in the other side some of the efforts done in the building industry in Europe. The aim is to illustrate the challenges and opportunities that will be faced by the new generation of engineers and to invite them to take a look at technical developments also from a social and financial perspective.