



**What if your flexible packaging
could break down
just like organic waste?**

Jean-Pierre Rakoutz | Sales Director France

*What
is so
wrong
with
plastic
waste?*



*Plastic is everywhere
and lasts for ever!*

8.3B MT
*Plastic ever
produced*

5.8B MT
*Single-use
plastic*



Global Plastic waste management real figures:



9%
Recycled



12%
Incinerated



79%
Discarded in landfill, open environments or ending in the oceans



<https://www.economist.com/graphic-detail/2018/03/06/only-9-of-the-worlds-plastic-is-recycled>

*Flexible
packaging
market size*

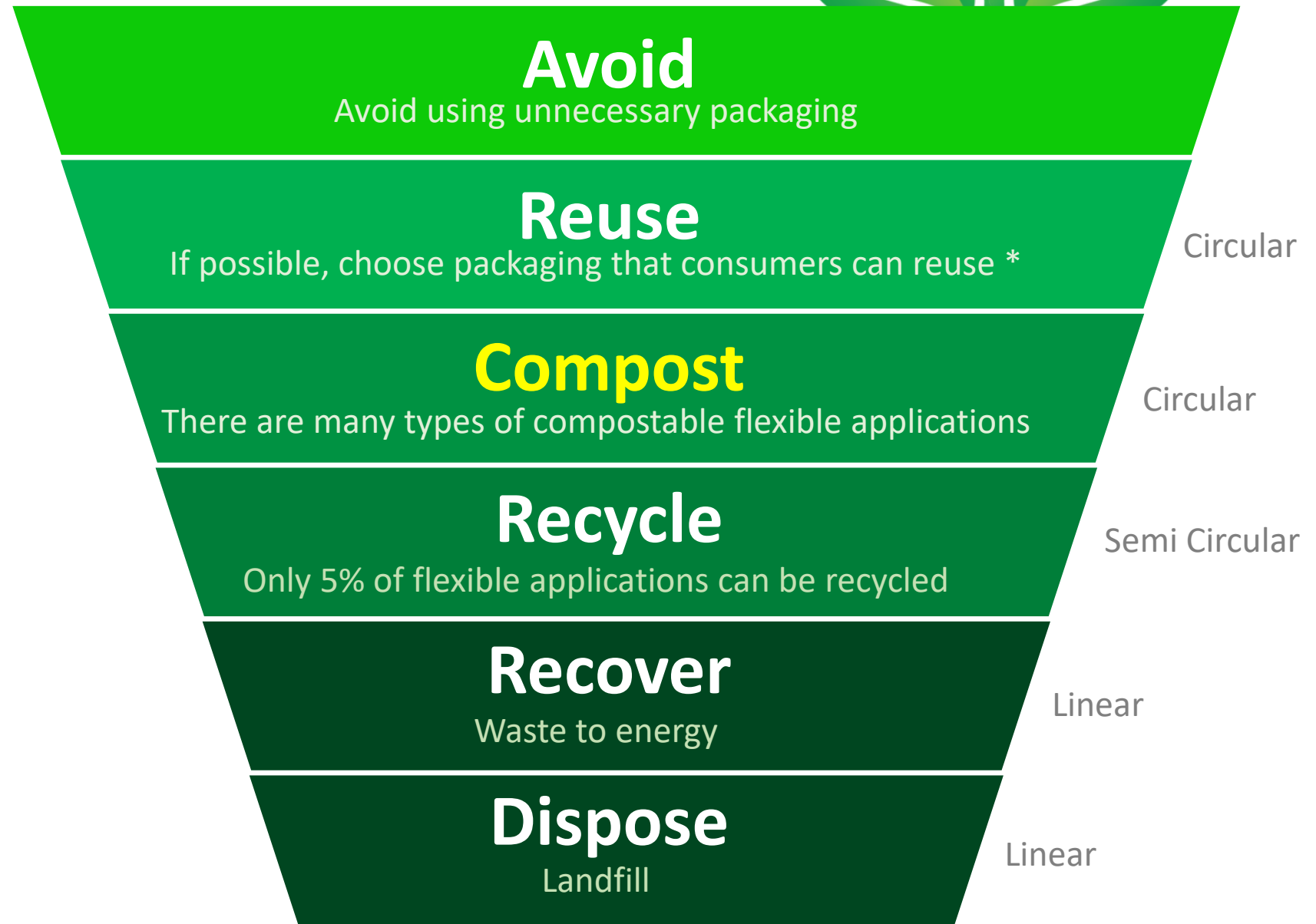
\$102_B
industry

*With
NO viable
end-of-life
solutions*



*Zero waste
flexible
packaging
hierarchy
for
companies*

Most desirable



Plastic Waste Streams Evolution

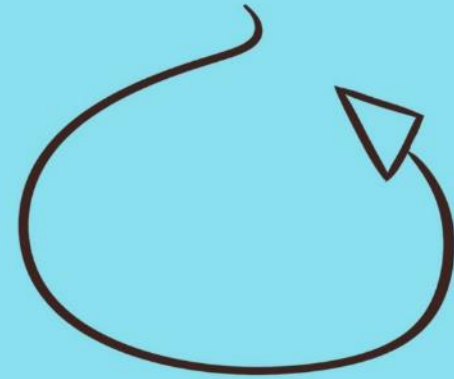
Linear



Recycling



Composting



*What if your flexible
packaging could break down
just like organic waste ?*



TIPA[®]
Compostable Packaging

***TIPA® is a developer
and producer
of high-end
fully compostable
Flexible Packaging***

**While being
fully
compostable**



**Keeping the
properties of
conventional
plastic**

Such as :
Transparency
Barrier protection
Premium Printing
Excellent Sealing

*TIPA® Circular
Economy Approach*

*With a flexible
business model*



*The Moon
Challenge*



Making it possible to really compost packaging



Oct. 2019 Circular Economy Law:

French Senat supports compostable packagings

- *Promote eco-conception bonus*
- *Promote collecting compostable packagings with bio-waste by 2023*



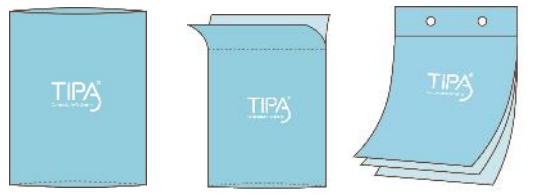
TIPA's offering

Providing range of packaging Reels



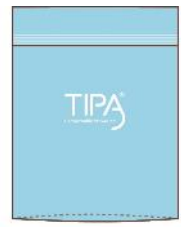
Providing a large range of packaging Applications

Open Bag



Open Bag – Units Open Bag on a Reel Open Bag – Wicketed

Resealable Bag



Resealable Bag

Zipper Bag



Zipper Bag

Stand-Up Pouch



SUP SUP with Zipper

HFSS | Flow Pack



HFSS – Flow Pack HFSS – Bar Wrapper HFSS – Flow Pack with Punnet

VFFS



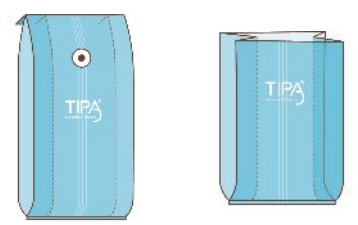
VFFS – Pillow Bag VFFS – Sachet VFFS – Gusseted Bag

Fill & Seal | Punnet Lid



Punnet Lid

Premade Pouch



Gusseted Bag with Valve Gusseted Bag

Other



Garment Bag Tea Envelope Quattro Seal Bag with Zipper

Food Compostable Applications



TIPA's Vision:

*Flexible packaging
should be part
of our organic waste;
it should decompose
and fully go back to
nature*



Thank You

