YOUR STRAWS FOR 2020?

20 x more stronger than classic paper

100% cellulose fibers FSC

- 100% bio-sourced
- Biodegradable
- 100°C water resistance 1 hour
- Do not alter the beverage taste

STRONG FIBERS STRAWS

2020
2 STRAWS
1 CHOICE
1 PRICE.

50% cellulose paper FSC
40% stone powder
10% brut polymer HDPE

MINERAL PAPER STRAWS

40 x more stronger than classic paper

- 90% bio-sourced
- Photodegradable
- 100°C water resistance 2 hours
- Do not alter the beverage taste
- 30% lower carbon footprint

YOUR STRAWS FOR 2020?
CONSUMER HABITS THAT MUST EVOLVE

France, has anticipated the legislation and the European calendar, advancing the bill of elimination of plastic straws to January 2020.

OSTONE, a French company, offers 2 disposable alternatives, ecological and economical while correcting the resistance defects of conventional paper straw.

<table>
<thead>
<tr>
<th>PRODUCTION 1000 KG</th>
<th>MINERAL PAPER STRAWS</th>
<th>STRONG FIBERS STRAWS</th>
<th>CLASSIC PAPER STRAWS</th>
<th>PLASTIC STRAWS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Carbon footprint</td>
<td>956 Kg CO2</td>
<td>1431 Kg CO2</td>
<td>1431 Kg CO2</td>
<td>3271 Kg CO2</td>
</tr>
<tr>
<td>Energy used</td>
<td>11.7 GJ</td>
<td>20.4 GJ</td>
<td>20.4 GJ</td>
<td>105 GJ</td>
</tr>
<tr>
<td>Trees</td>
<td>9</td>
<td>18</td>
<td>18</td>
<td>-</td>
</tr>
<tr>
<td>Water used</td>
<td>1380 liters</td>
<td>2770 liters</td>
<td>2770 liters</td>
<td>100 000 liters</td>
</tr>
<tr>
<td>Waste generated</td>
<td>5 x recyclable</td>
<td>5 x recyclable</td>
<td>5 x recyclable</td>
<td>yes</td>
</tr>
<tr>
<td>Biodegradable</td>
<td>90%</td>
<td>100%</td>
<td>100%</td>
<td>0%</td>
</tr>
<tr>
<td>Photodegradable</td>
<td>10%</td>
<td>-</td>
<td>-</td>
<td>0%</td>
</tr>
<tr>
<td>Water resistance 100°C</td>
<td>2 hours</td>
<td>+ 1 hour</td>
<td>- 1 minute</td>
<td>yes</td>
</tr>
<tr>
<td>Water resistance 20°C</td>
<td>4 hours</td>
<td>2 hours</td>
<td>6 minutes</td>
<td>yes</td>
</tr>
<tr>
<td>Alters the taste</td>
<td>no</td>
<td>no</td>
<td>no</td>
<td>no</td>
</tr>
<tr>
<td>Decomposition</td>
<td>~ 12 months</td>
<td>~ 4 months</td>
<td>~ 4 months</td>
<td>~ 1000 years</td>
</tr>
</tbody>
</table>

OSTONE™ NATURALLY RESISTANT

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NOW YOU MUST CHOOSE YOUR STRAW...