

## Plastic Disclosure Project 2020



**Environmental Responsibility at Starboard:** At Starboard we pay close attention to the decisions we make. Since 1994 innovation and quality have been the driving force behind our products. Now we're applying the same work ethic to help reduce Starboard's impact on the planet. We believe that board sports are the perfect vehicle to showcase new environmental strategies and we have chosen to turn negatives to positives. At Starboard we calculate, report, and disclose our plastic usage, and are continuously increasing our transparency regarding our production, use and handling of plastic and plastic waste. We then share our challenges and solutions here so we together can make a difference.

**OUR MISSION** is to not only be the best *in* the world, but also the best *for* the world.



Every year we calculate the use of plastics in all of our products, including **boards, accessories, apparel** and all **packaging**.

By measuring our plastic footprint we are reminded of our contribution to the plastic industry. It allows us to compare our impact each year and identify where we need to improve next.



However measurement is only the first step towards reducing our negative impact and creating **positive environmental change**.

We are working to become part of the solution by offsetting our plastic footprint. In 2017 we began taxing our plastic usage internally in order to fund our own **Plastic Offset Program (POP)**.



**Plastic Offset Program (POP):** Taxing our use of plastic has encouraged our team to rethink our relationship with plastic and reduce how much (and what types) we use in our products.

Our plastic tax is then used to fund an amazing team of individuals who are picking up trash from the beaches in Pattaya, Thailand. Our team has grown to over 50 people this year, who go out collecting several times a week (and almost every day in monsoon season!)

The annual global average ocean plastic pollution per person is 1.1 kg so to highlight this we collect 1.1 kg plastic for each of our boards through the POP initiative.

You can keep up to date on our eco-initiatives at: <https://www.facebook.com/groups/starboardbluelife/>

## Starboard Plastic Footprint 2019 - 2020

In this report we would like to highlight the 2020 Plastic Footprint of some of our most popular products from each of the following categories: **SUP** (composite & inflatable), **windsurf**, **paddles** and **accessories**.

**Total plastic footprint** quantities are based on the average plastic footprint for all products in each category, multiplied by the number of products sold during the fiscal year.

If you would like to find out the plastic footprint of a product not covered in this report, please contact [lizzy@star-board.com](mailto:lizzy@star-board.com) who will be happy to share further information with you.

### Composite SUP:

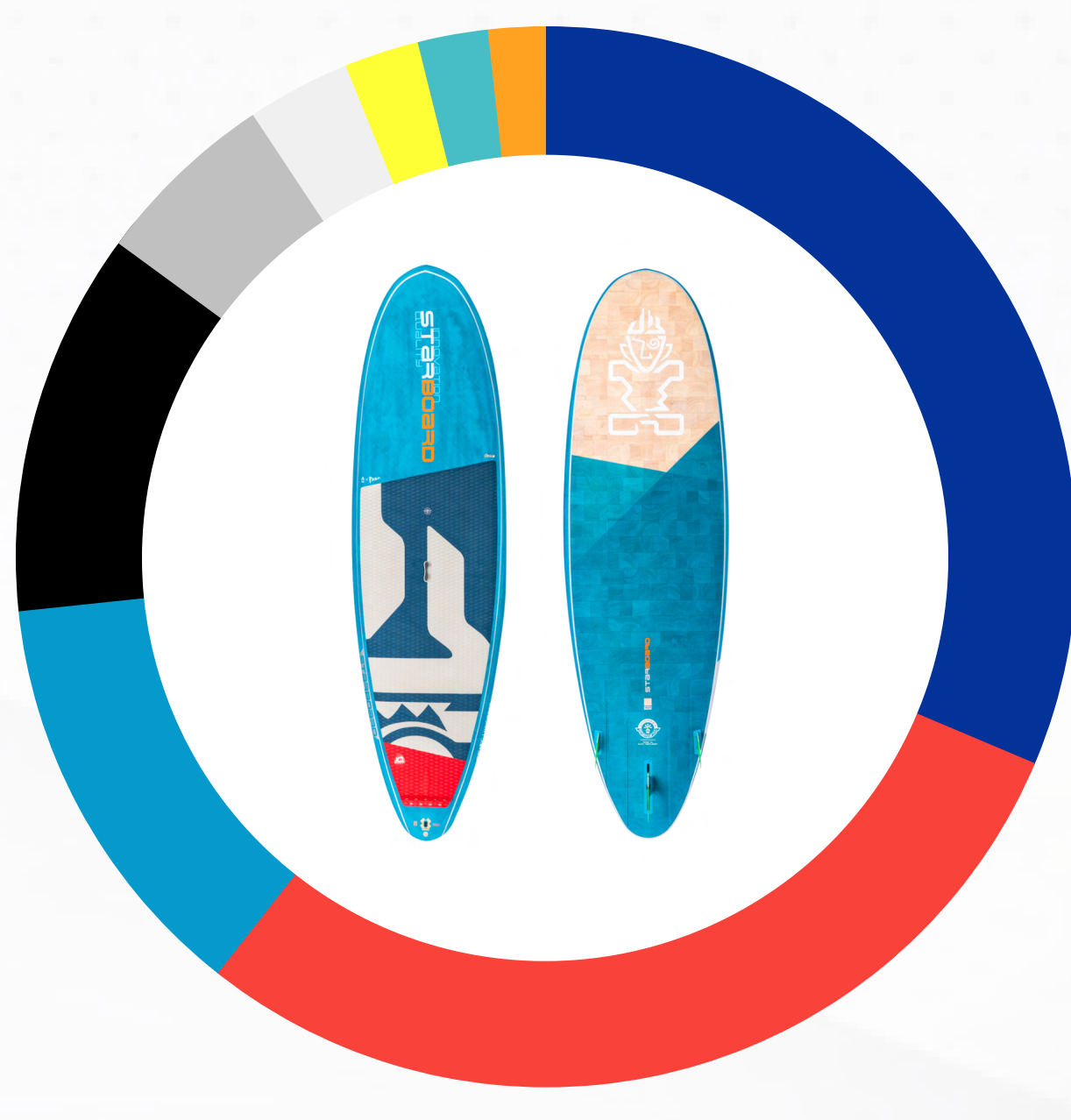
Model: Whopper  
Size: 10'0" x 34"  
Technology: Blue Carbon

2019: 7.6kg Plastic



- EPS Core: 2.5kg
- Epoxy (Resin): 2.17kg
- Hardener (Resin): 0.93kg
- PVC: 0.93kg
- EVA (Deck pad): 0.4kg
- ABS (Handle): 0.25kg
- Paint: 0.15kg
- Recycled Akulon (Inserts): 0.15kg
- PU Foam (Inserts): 0.12kg

2020: 8kg Plastic (+0.4kg)



- EPS Core: 2.5kg
- Epoxy (Resin): 2.37kg (+0.2kg)
- Hardener (Resin): 1.01kg (+0.08kg)
- PVC: 0.93kg
- EVA (Deck pad): 0.45kg (+0.05kg)
- ABS (Handle): 0.25kg
- Paint: 0.18kg (+0.02kg)
- Recycled Akulon (Inserts): 0.17kg (+0.02kg)
- PU Foam (Inserts): 0.14kg (+0.02kg)



**Total Plastic Footprint:**  
**SUP Composite 2019**  
51 tonnes



**Total Plastic Footprint:**  
**SUP Composite 2020**  
42 tonnes (-9 tonnes)

### Inflatable SUP & WindSUP

Model: iGO  
Size: 10'8" x 33"  
Technology: Zen Single Chamber

2019: 11.8kg Plastic



- PVC: 6.9kg
- EVA (Deck Pad): 3kg
- Glue: 1.1kg
- PVC (Fins): 0.57kg
- Inserts & Accessories\*: 0.21kg

\*Includes Neoprene Handle, Acetal D-rings & Rubber Latex Bungee rope



**Total Plastic Footprint:**  
**Inflatable SUP & WindSUP 2019**  
91 tonnes

2020: 11.4kg Plastic (-0.4kg)



- PVC: 6.21kg (-0.69kg)
- EVA (Deck Pad): 3.17kg (+0.17kg)
- Glue: 1.25kg (+0.15kg)
- PVC (Fins): 0.57kg
- Inserts & Accessories\*: 0.22kg (+0.01kg)

\*Includes Neoprene Handle, Acetal D-rings & Rubber Latex Bungee rope



**Total Plastic Footprint:**  
**Inflatable SUP & WindSUP 2020**  
127 tonnes (+37 tonnes)

### Windsurf

Model: ISONIC  
Size: 60lr  
Technology: Carbon Reflex

2019: 5.24kg Plastic



- EPS Core: 1.2kg
- Epoxy (Resin): 1.47kg
- Hardener (Resin): 0.63kg
- PVC: 0.99kg
- Recycled Akulon (Inserts): 0.22kg
- EVA: 0.18kg
- Nylon: 0.18kg
- ABS: 0.18kg
- Paint: 0.12kg
- PU Foam: 0.08kg



**Total Plastic Footprint:**  
**Windsurf 2019**  
31 tonnes

2020: 4.95kg Plastic (-0.29kg)



- EPS Core: 1.23kg (+0.03kg)
- Epoxy (Resin): 1.37kg (-0.1kg)
- Hardener (Resin): 0.59kg (-0.04kg)
- PVC: 0.75kg (-0.24kg)
- Recycled Akulon (Inserts): 0.28kg (+0.06kg)
- EVA: 0.2kg (-0.2kg)
- Nylon: 0.18kg
- ABS: 0.18kg
- Paint: 0.09kg (-0.03kg)
- PU Foam: 0.08kg



**Total Plastic Footprint:**  
**Windsurf 2020**  
34 tonnes (+3 tonnes)

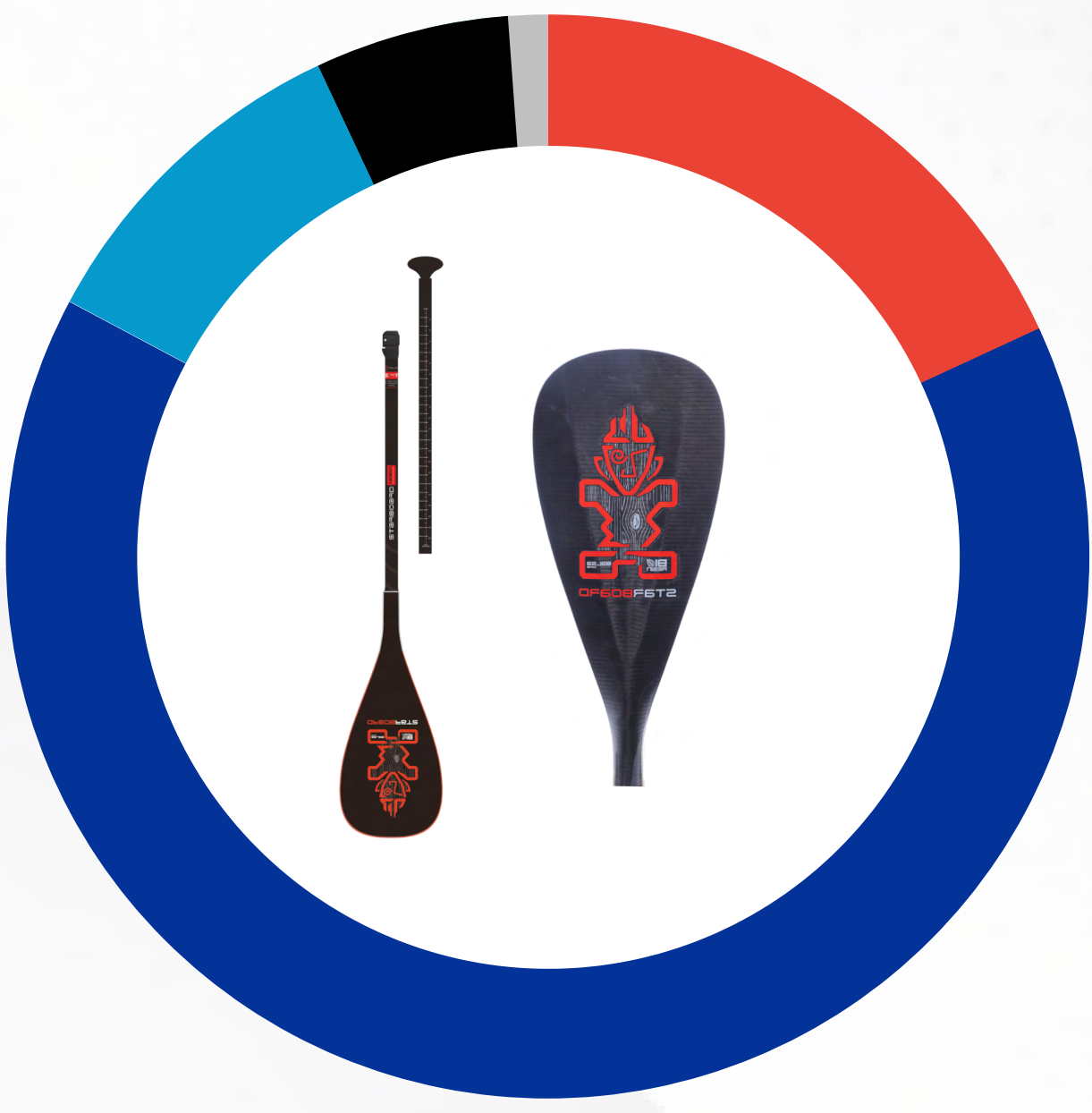


## Paddles

Model: Enduro 2.0 Balsa

Shaft: Round Hybrid Carbon 2pcs Adjustable

2019: 0.34kg Plastic

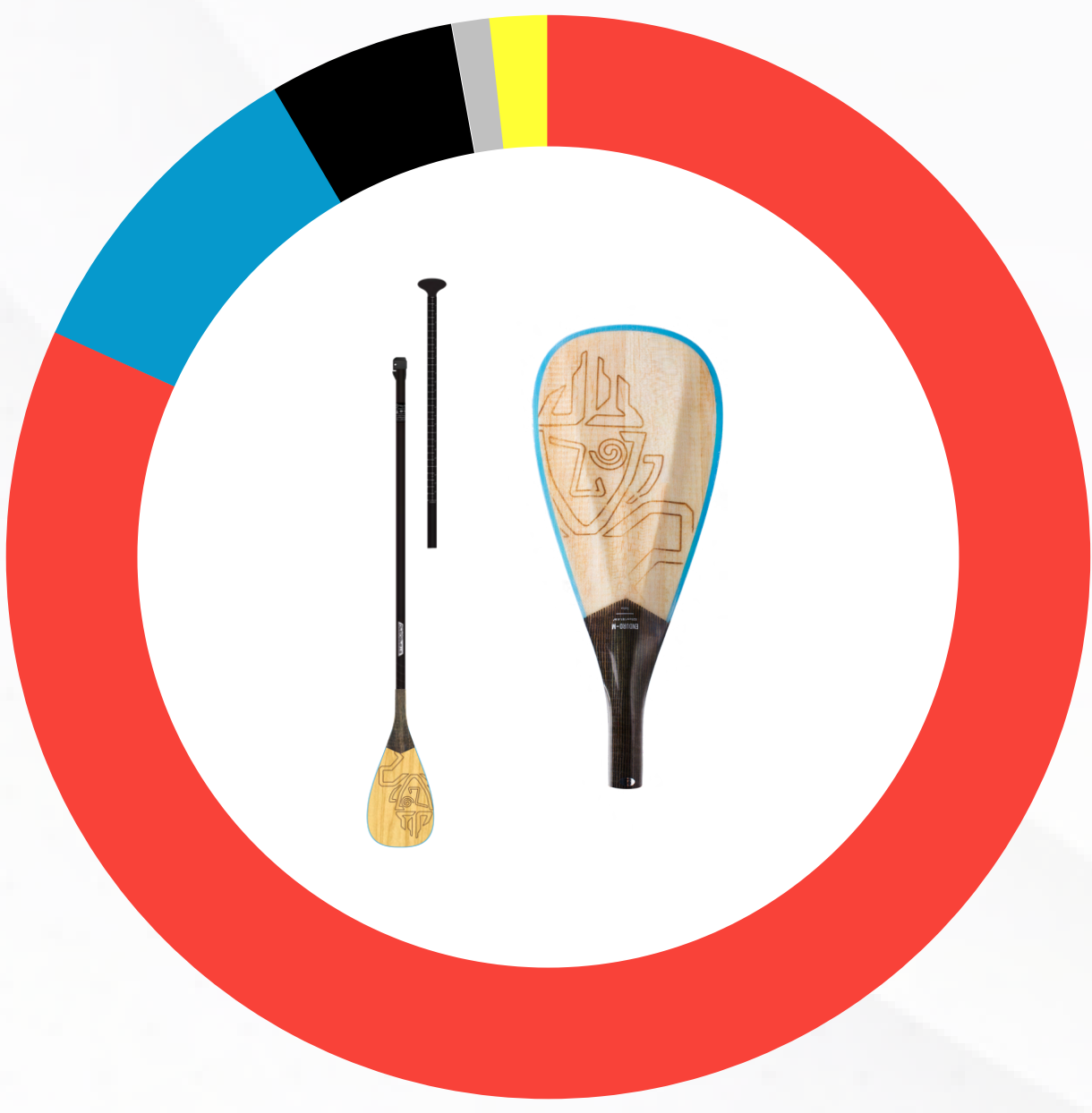


- Resin: 0.062kg
- Bioresin: 0.22kg
- Recycled HDPE: 0.035kg
- ABS: 0.02kg
- PVC: 0.004kg



Total Plastic Footprint:  
**Paddles 2019**  
7.2 tonnes

2020: 0.36kg Plastic (+0.02kg)



- Resin: 0.3kg (+0.2kg)
- Bioresin: 0kg (-0.22kg)
- Recycled HDPE: 0.035kg
- ABS: 0.02kg
- PVC: 0.004kg
- Other Inserts\*: 0.0065kg (+0.0065kg)

\*Includes EVA plug and Akulon adjustable clamp



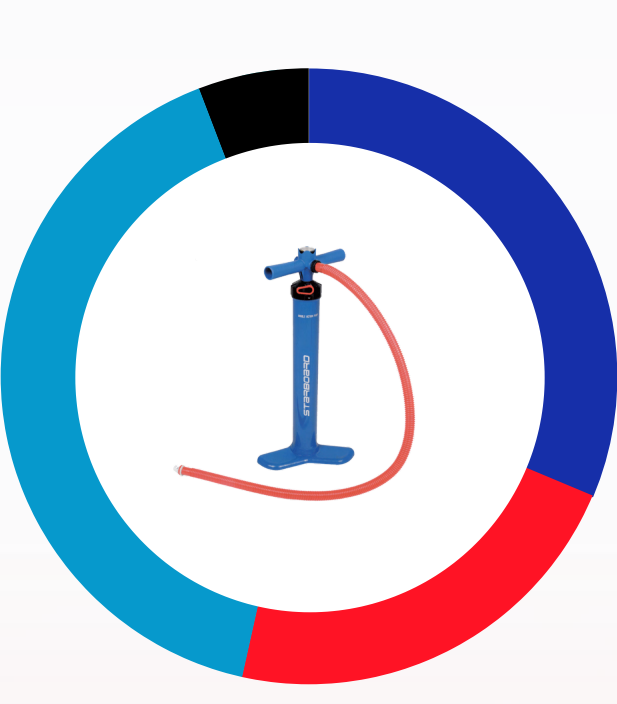
Total Plastic Footprint:  
**Paddles 2020**  
5 tonnes (-2.2 tonnes)

## Accessories

Below is a selection of **Starboard's 2020 Accessories**. We have not included a comparison to 2019 as there were no differences to plastic content between the products releases in the two years.

The total plastic footprint for accessories includes: **pumps, board & paddle bags, fins, footstraps** and **bottle holders**.

Inflatable Pump: 0.86kg



- Nylon: 0.27kg
- Acetal: 0.19kg
- PP: 0.35kg
- ABS: 0.05kg

Inflatable SUP Bag: 1.98kg



- Polyester: 0.3kg
- Recycled Polyester: 0.99kg
- PVC: 0.2kg
- PE Foam: 0.49kg

Balsa Core Centre Fin (230cm): 0.064kg



- Bioresin: 0.064kg

Net Positive Centre Fin (9''): 0.235kg



- Akulon: 0.235kg



Total Plastic Footprint:  
**Accessories 2019**  
34 tonnes



Total Plastic Footprint:  
**Accessories 2020**  
36 tonnes (+2 tonnes)

## Apparel

There were no changes in design or material of **Starboard apparel** between 2019 and 2020 so we have not included the plastic breakdowns of each garment.

Below are the **total plastic footprints** of a Starboard apparel from 2019 and 2020.



Total Plastic Footprint:  
**Apparel 2019**  
0.92 tonnes



Total Plastic Footprint:  
**Apparel 2020**  
0.98 tonnes (+0.06 tonnes)

## TOTAL PLASTIC FOOTPRINT 2019 - 2020

The following graph summarises the total plastic use by Starboard in the fiscal year 2020 (from May 31st 2019 to 1st June 2020).



2019:  
215 tonnes  
Plastic



2020:  
245 tonnes  
Plastic