



# Food Wasted

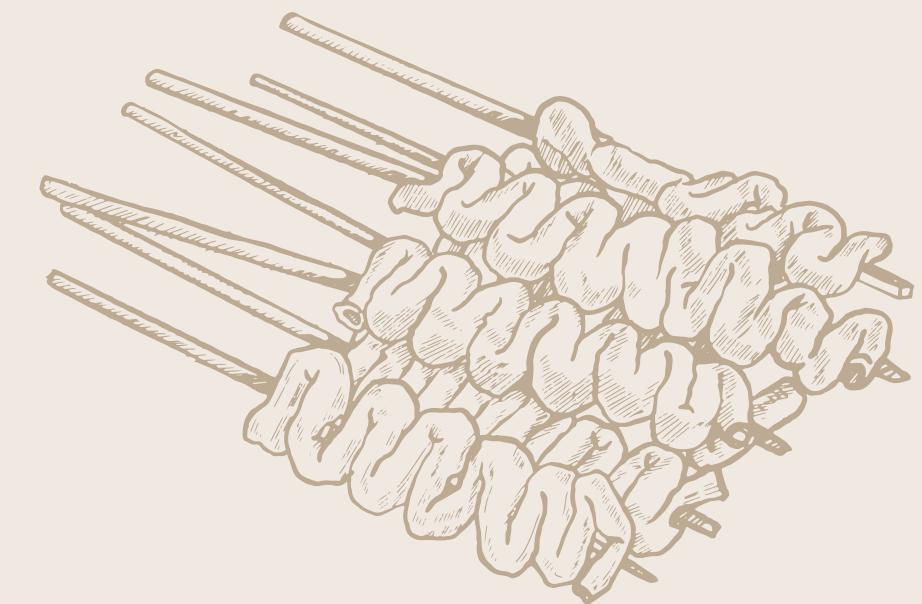
Created by Giorgio Compagno



# Tools utilizzati

Fonte dati:

<https://www.fao.org/platform-food-loss-waste/flw-data/en/>



# Paesi che sprecano di più (2000-2018)

Country	totale_spreco
Canada	6050230
Sri Lanka	1060684
Chad	836196
Myanmar	392850
Belarus	8400
Cambodia	825

```
SELECT  
country,  
sum(loss_quantity) as totale_spreco  
FROM spreco_alimentare.`data (1)`  
group by country  
order by totale_spreco desc;
```





# Regioni che sprecano di più (2000-2018)

-- NUOVA TABELLA REGION

```
Create table region (
region varchar (300)
);
```

-- INSERIRE CAMPI NELLA NUOVA TABELLA

```
insert into T.region (m49_code, country,
region)
```

```
select m49_code, country, region
from spreco_alimentare.data;
```

Region	totale_spreco
Nord America	6050230
Asia	1454359
Africa	836196
Est Europa	8400

-- NUOVI VALORI

```
UPDATE T.region
```

```
SET region =
```

```
CASE
```

```
WHEN country IN ('Myanmar', 'Cambodia', 'Sri Lanka') THEN 'Asia'
```

```
WHEN country IN ('Belarus') THEN 'Est Europe'
```

```
WHEN country IN ('Canada') THEN 'Nord America'
```

```
WHEN country IN ('Chad') THEN 'Africa'
```

```
END;
```

-- JOIN CON TABELLA PRINCIPALE

```
select
```

```
t1.m49_code,
```

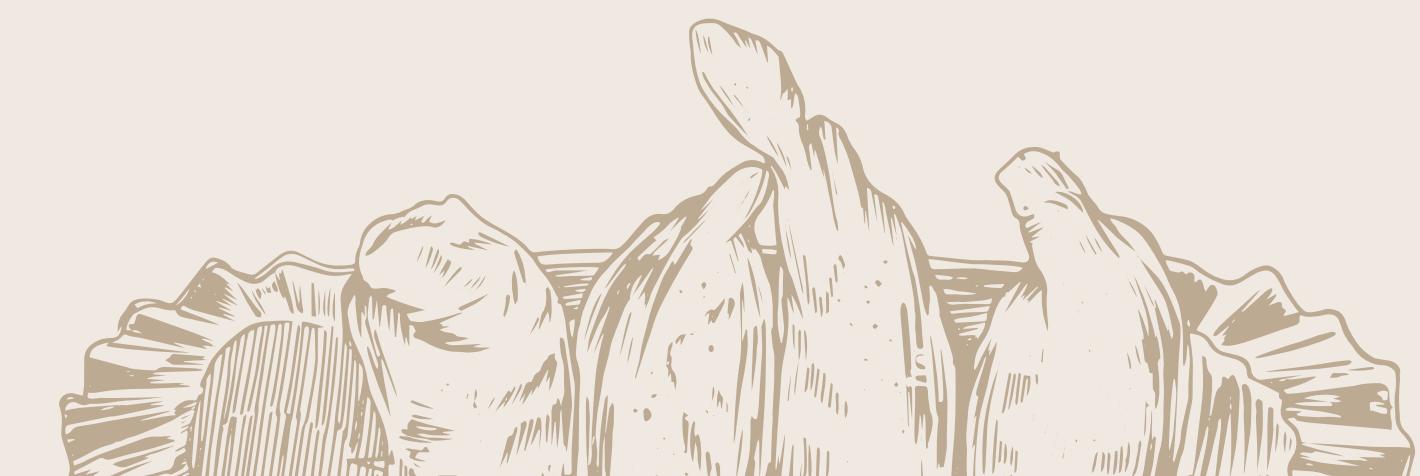
```
t2.country,
```

```
t1.region
```

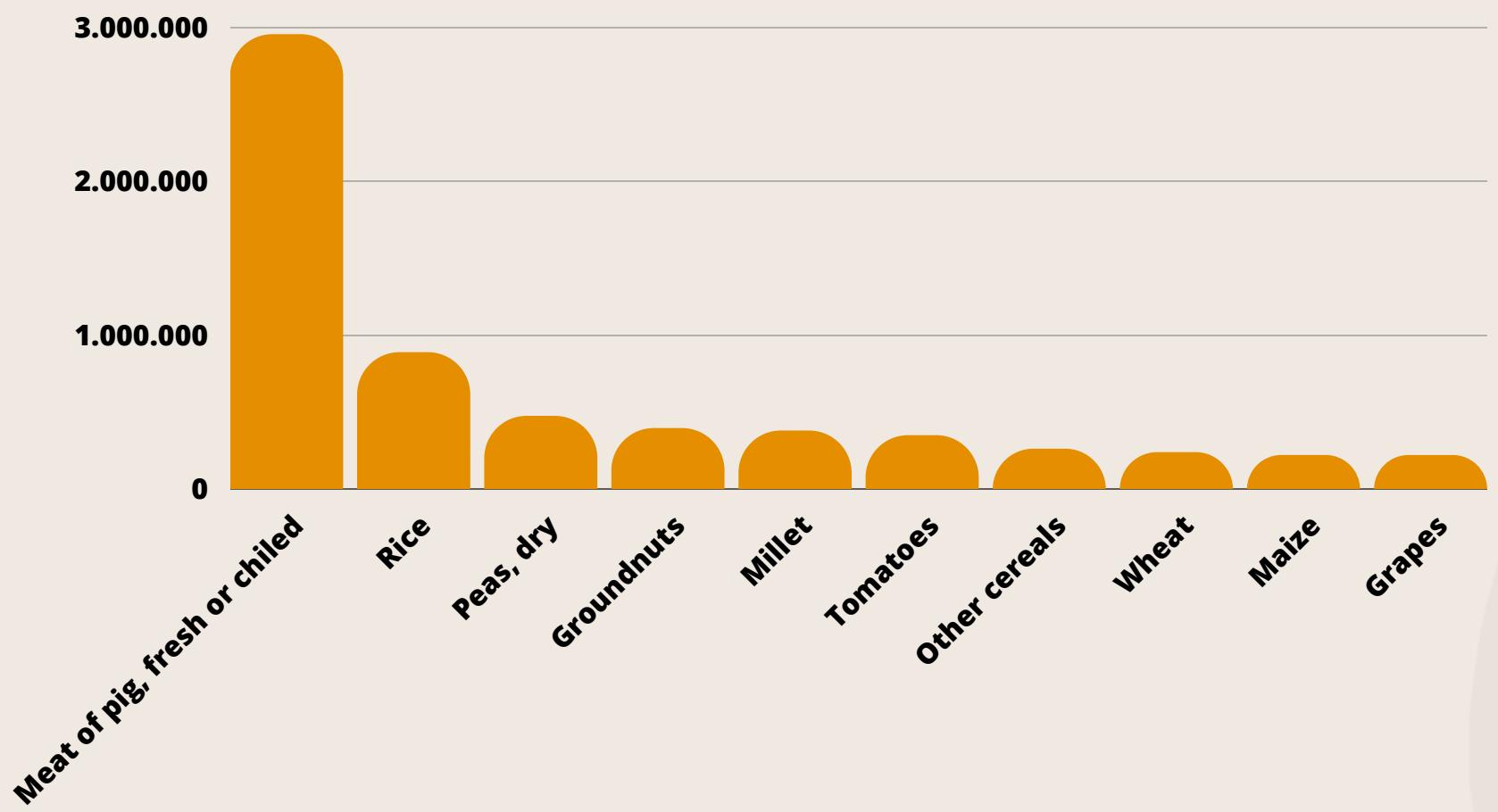
```
from T.region as t1
```

```
join spreco_alimentare.data as t2
```

```
on t1.m49_code = t2.m49_code
```

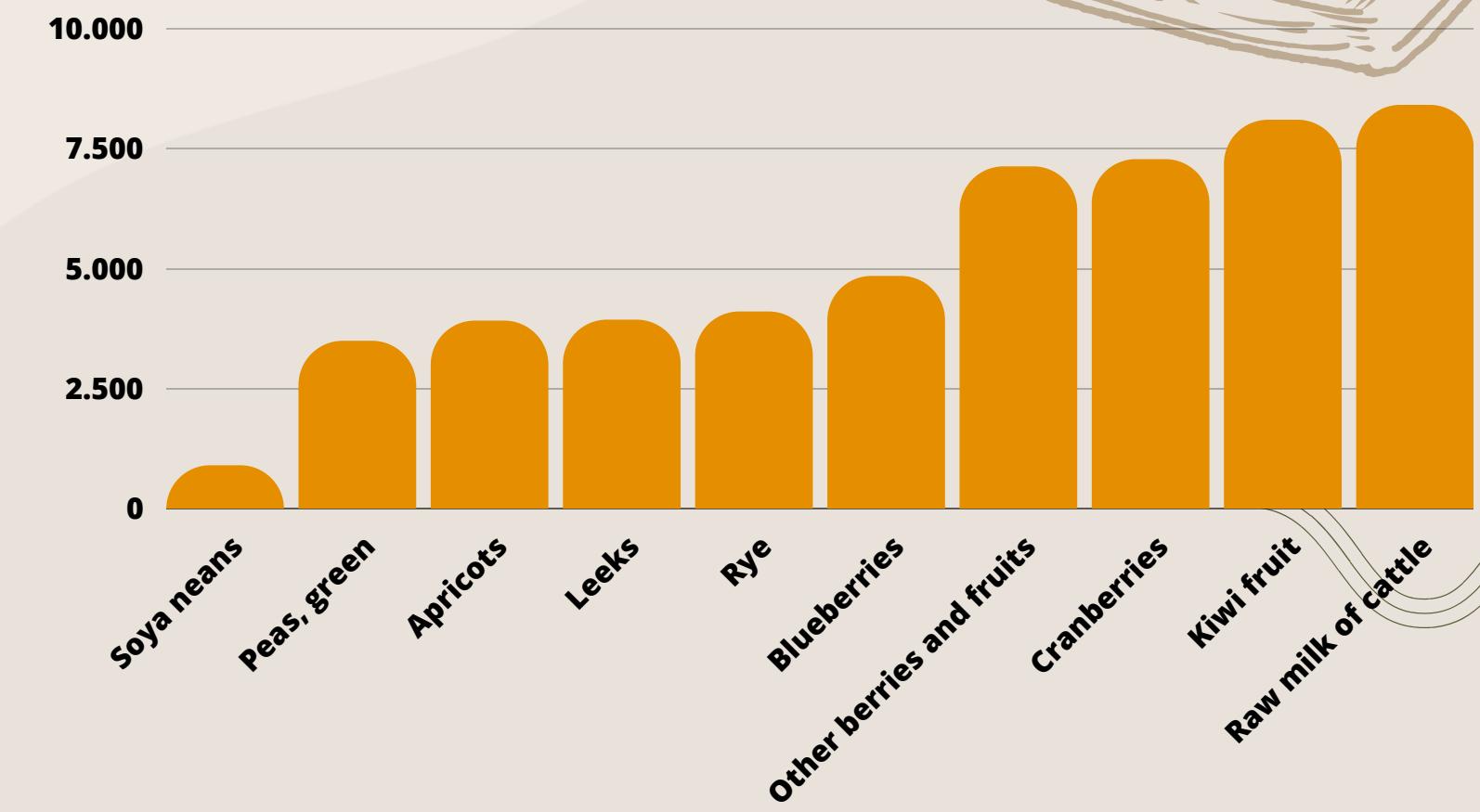


# Tipologia di cibo più sprecato



```
Select  
commodity,  
sum(loss_quantity) as tipologia_alimentare  
FROM spreco_alimentare.`data (1)`  
group by commodity  
order by tipologia_alimentare desc  
Limit 10;
```

# Tipologia di cibo meno sprecato



```
Select  
commodity,  
sum(loss_quantity) as tipologia_alimentare  
FROM spreco_alimentare.`data (1)`  
group by commodity  
order by tipologia_alimentare asc  
Limit 10;
```

# Andamento spreco

```
SELECT  
year,  
sum(loss_quantity) as totale_spreco  
FROM spreco_alimentare.`data (1)`  
group by year  
order by year asc;
```



# Percentuali di spreco maggiori

Select  
country,  
commodity,  
year,  
loss\_percentage\_original,  
loss\_quantity  
FROM spreco\_alimentare.data  
order by loss\_percentage\_original desc;



Country	commodity	year	Loss percentage	Loss quantity
Canada	Other fruits	2001	9%	1830

Country	commodity	year	Loss percentage	Loss quantity
Chad	Wheat	2016	9.99%	174

Country	commodity	year	Loss percentage	Loss quantity
Sri Lanka	Potatoes	2009	9.95%	16130

Country	commodity	year	Loss percentage	Loss quantity
Sri Lanka	Potatoes	2008	9.93%	17420



# Grazie

