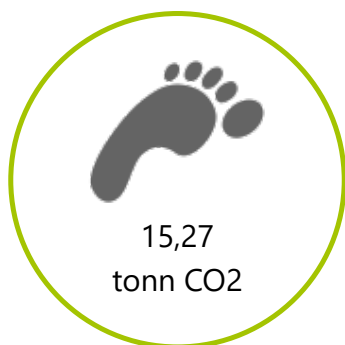


# Klimaregnskap for Kontor og Grafisk AS



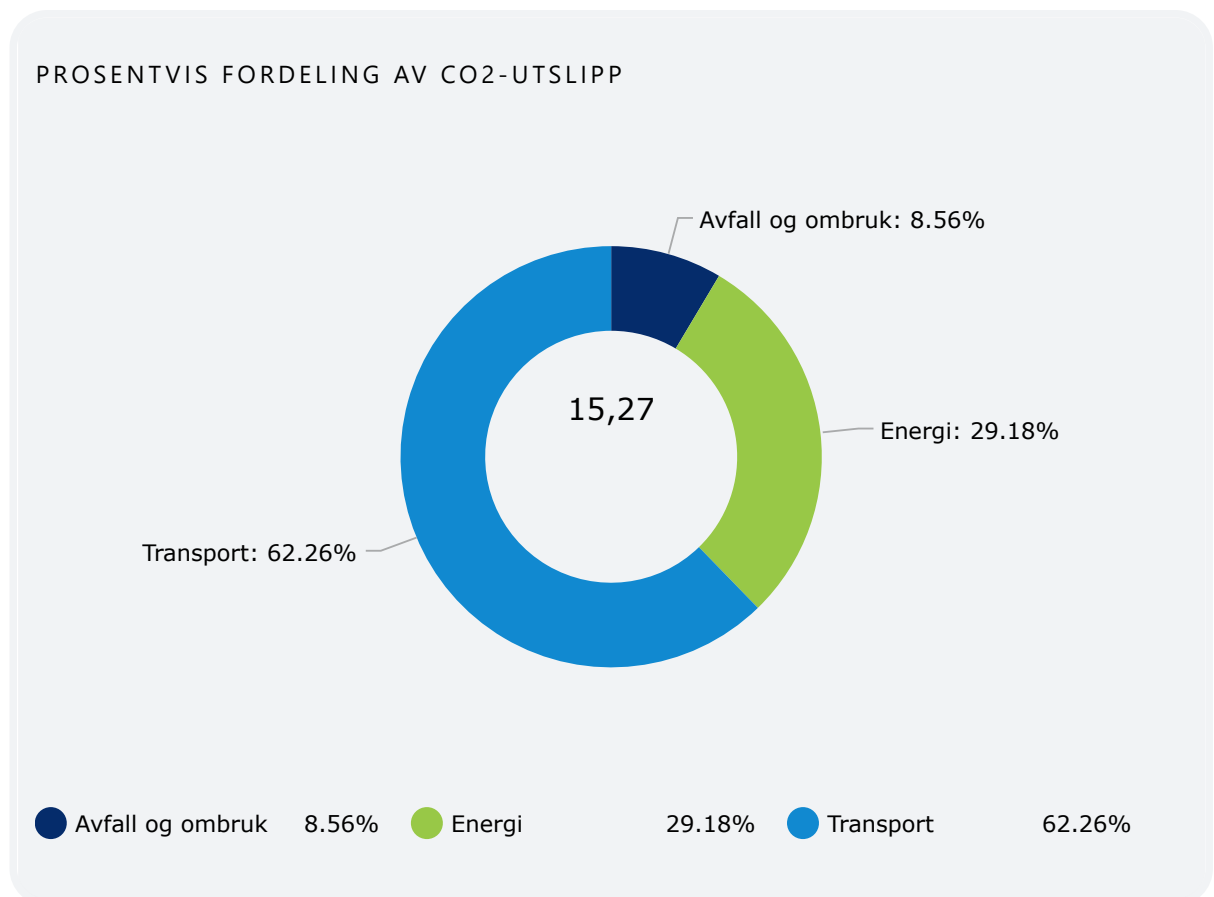
## 2021

| Utslippskilde                 | Forbruk          | Utslippsfaktor        | Utslipp |             |
|-------------------------------|------------------|-----------------------|---------|-------------|
| Scope 1                       |                  |                       |         |             |
| Diesel<br>(personbil/varebil) | 2461,84<br>liter | 3,11 Kg<br>CO2e/liter | 7,66    | tonn<br>CO2 |
| Diesel (tunge<br>kjøretøy)    | 594,38<br>liter  | 3,11 Kg CO2e/liter    | 1,85    | tonn<br>CO2 |
| Sum scope 1 = 9,50 tonn CO2   |                  |                       |         |             |
| Scope 2                       |                  |                       |         |             |
| Elektrisitet                  | 111349<br>kWh    | 0,04 Kg<br>CO2e/kWh   | 4,45    | tonn<br>CO2 |
| Sum scope 2 = 4,45 tonn CO2   |                  |                       |         |             |
| Scope 3                       |                  |                       |         |             |
| Restavfall                    | 2260 kg          | 0,36 CO2e/Kg          | 0,81    | tonn<br>CO2 |
| Treavfall                     | 1500             | 0,02 CO2e/Kg          | 0,03    | tonn<br>CO2 |

|                          |      |               |      |          |
|--------------------------|------|---------------|------|----------|
| Papir, papp og kartong   | 4040 | 0,061 CO2e/Kg | 0,25 | tonn CO2 |
| Metall (ikke emballasje) | 420  | 0,031 CO2e/Kg | 0,01 | tonn CO2 |
| Plast                    | 40   | 0,05 CO2e/Kg  | 0,00 | tonn CO2 |
| EE-avfall                | 2960 | 0,068 CO2e/Kg | 0,20 | tonn CO2 |

Sum scope 3 = 1,31 tonn CO2

Total CO2 utslipp = 15,27 tonn



2020

Utslippskilde

Forbruk

Utslippsfaktor

Utslipp

Scope 1

|        |               |                    |      |          |
|--------|---------------|--------------------|------|----------|
| Diesel | 3188,23 liter | 3,11 Kg CO2e/liter | 9,92 | tonn CO2 |
| Bensin | 40,9 liter    | 2,89 Kg CO2e/liter | 0,12 | tonn CO2 |

Sum scope 1 = 10,03 tonn CO2

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#### Scope 2

|              |           |                  |      |          |
|--------------|-----------|------------------|------|----------|
| Elektrisitet | 95497 kWh | 0,04 Kg CO2e/kWh | 3,82 | tonn CO2 |
|--------------|-----------|------------------|------|----------|

Sum scope 2 = 3,82 tonn CO2

---

#### Scope 3

|   |           |              |      |          |
|---|-----------|--------------|------|----------|
| Restavfall som ettersorteres sentralt (sentralsorteringsanlegg) | 2790 kilo | 0,24 CO2e/Kg | 0,67 | tonn CO2 |
|---|-----------|--------------|------|----------|

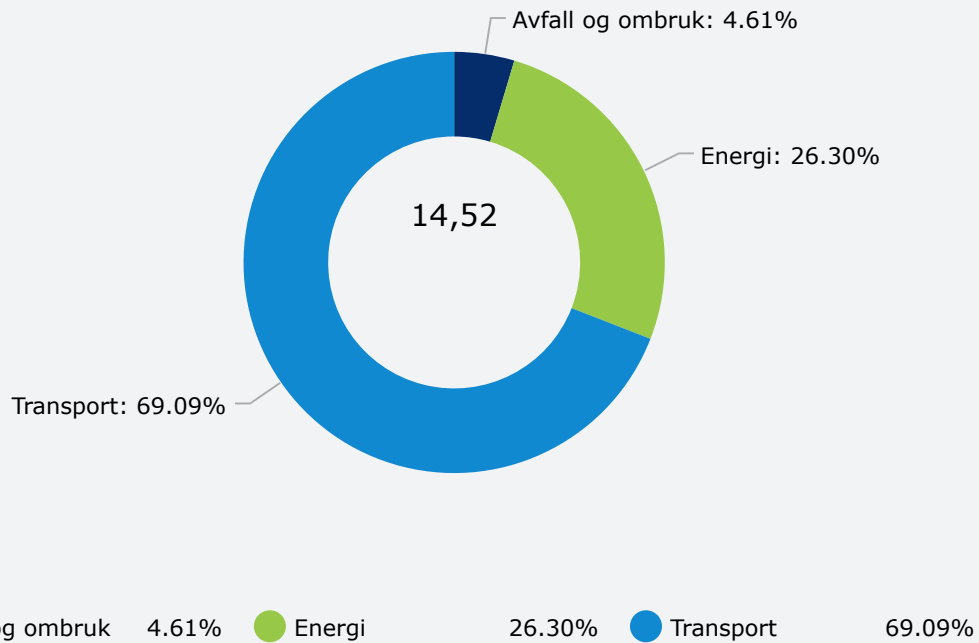
Sum scope 3 = 0,67 tonn CO2

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**Total CO2 utslipp = 14,52 tonn**

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PROSENTVIS FORDELING AV CO2-UTSLIPP



## 2019

| Utslippskilde | Forbruk | Utslippsfaktor | Utslipp |
|---------------|---------|----------------|---------|
|---------------|---------|----------------|---------|

Scope 1

|        |               |                    |               |
|--------|---------------|--------------------|---------------|
| Diesel | 2806,15 liter | 3,11 Kg CO2e/liter | 8,73 tonn CO2 |
|--------|---------------|--------------------|---------------|

Sum scope 1 = 8,73 tonn CO2

Scope 2

|              |            |                  |               |
|--------------|------------|------------------|---------------|
| Elektrisitet | 106560 kWh | 0,04 Kg CO2e/kWh | 4,26 tonn CO2 |
|--------------|------------|------------------|---------------|

Sum scope 2 = 4,26 tonn CO2

Scope 3

|                                   |           |              |               |
|-----------------------------------|-----------|--------------|---------------|
| Restavfall (uten emballasjeplast) | 2650 kilo | 0,36 CO2e/Kg | 0,95 tonn CO2 |
|-----------------------------------|-----------|--------------|---------------|

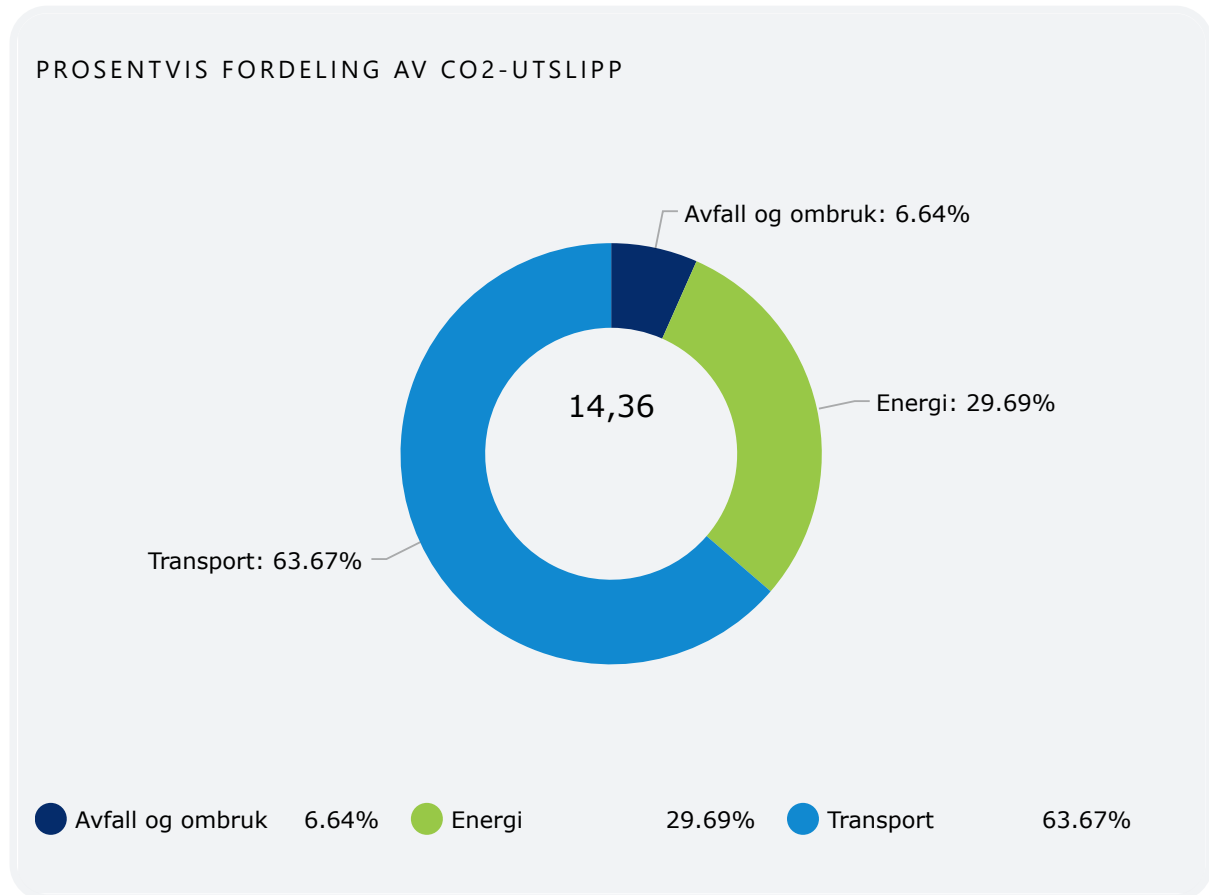
|                           |               |                    |      |          |
|---------------------------|---------------|--------------------|------|----------|
| Antall flyreiser i Norden | 2 (tur/retur) | 207 Kg CO2e/reiser | 0,41 | tonn CO2 |
|---------------------------|---------------|--------------------|------|----------|

Sum scope 3 = 1,37 tonn CO2

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**Total CO2 utslipp = 14,36 tonn**

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## 2018

| Utslippskilde | Forbruk | Utslippsfaktor | Utslipp |
|---------------|---------|----------------|---------|
|---------------|---------|----------------|---------|

Scope 1

|        |               |                    |                |
|--------|---------------|--------------------|----------------|
| Diesel | 4351,95 liter | 3,11 Kg CO2e/liter | 13,53 tonn CO2 |
|--------|---------------|--------------------|----------------|

Sum scope 1 = 13,53 tonn CO2

---

Scope 2

|              |            |                  |      |          |
|--------------|------------|------------------|------|----------|
| Elektrisitet | 106008 kWh | 0,04 Kg CO2e/kWh | 4,24 | tonn CO2 |
|--------------|------------|------------------|------|----------|

Sum scope 2 = 4,24 tonn CO2

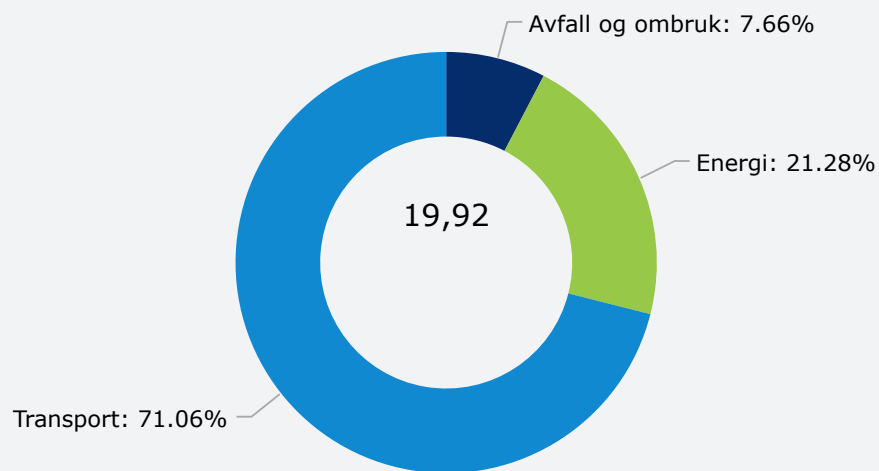
### Scope 3

|                                   |               |                    |      |          |
|-----------------------------------|---------------|--------------------|------|----------|
| Restavfall (uten emballasjeplast) | 4240 kilo     | 0,36 CO2e/Kg       | 1,53 | tonn CO2 |
| Antall flyreiser i Norden         | 3 (tur/retur) | 207 Kg CO2e/reiser | 0,62 | tonn CO2 |

Sum scope 3 = 2,15 tonn CO2

**Total CO2 utslipp = 19,92 tonn**

PROSENTVIS FORDELING AV CO2-UTSLIPP



● Avfall og ombruk 7.66% ● Energi 21.28% ● Transport 71.06%

Vår kommentar til klimaregnskapet

# 2017

| Utslippskilde | Forbruk       | Utslippsfaktor     | Utslipp |          |
|---------------|---------------|--------------------|---------|----------|
| Scope 1       |               |                    |         |          |
| Diesel        | 7797,69 liter | 3,11 Kg CO2e/liter | 24,25   | tonn CO2 |

Sum scope 1 = 24,25 tonn CO2

---

|              |            |                  |      |          |
|--------------|------------|------------------|------|----------|
| Scope 2      |            |                  |      |          |
| Elektrisitet | 168571 kWh | 0,04 Kg CO2e/kWh | 6,74 | tonn CO2 |

Sum scope 2 = 6,74 tonn CO2

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|                                     |               |                    |      |          |
|-------------------------------------|---------------|--------------------|------|----------|
| Scope 3                             |               |                    |      |          |
| Restavfall (uten emballasjeplast)   | 3210 kilo     | 0,36 CO2e/Kg       | 1,16 | tonn CO2 |
| Antall flyreiser i Norden           | 1 (tur/retur) | 207 Kg CO2e/reiser | 0,21 | tonn CO2 |
| Antall flyreiser i resten av Europa | 1 (tur/retur) | 369 Kg CO2e/reiser | 0,37 | tonn CO2 |

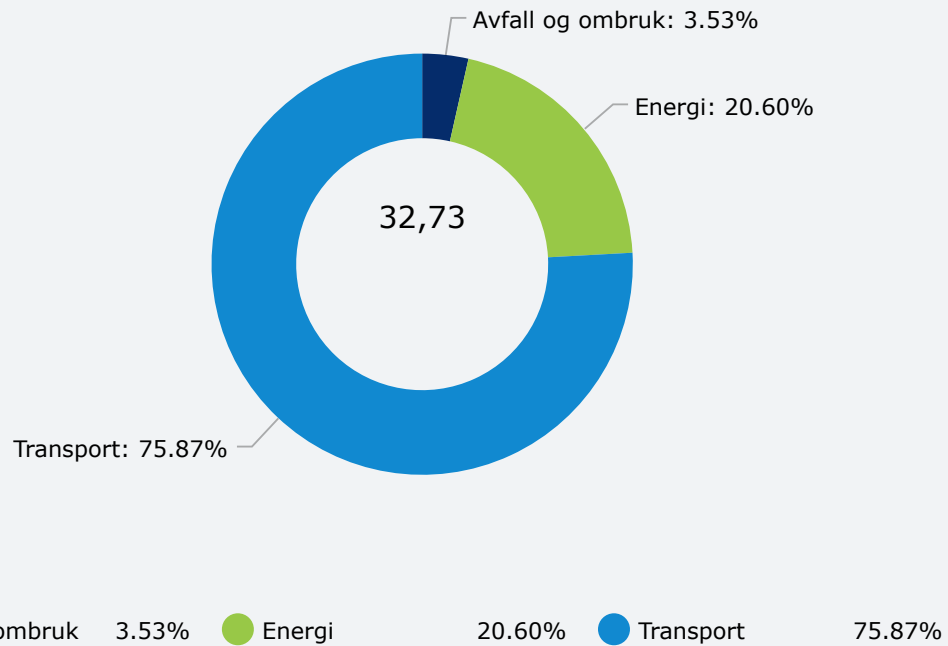
Sum scope 3 = 1,73 tonn CO2

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**Total CO2 utslipp = 32,73 tonn**

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PROSENTVIS FORDELING AV CO2-UTSLIPP



## 2016

| Utslippskilde | Forbruk | Utslippsfaktor | Utslipp |
|---------------|---------|----------------|---------|
|---------------|---------|----------------|---------|

Scope 1

|        |               |                    |                |
|--------|---------------|--------------------|----------------|
| Diesel | 5257,49 liter | 3,11 Kg CO2e/liter | 16,35 tonn CO2 |
|--------|---------------|--------------------|----------------|

Sum scope 1 = 16,35 tonn CO2

Scope 2

|              |            |                  |               |
|--------------|------------|------------------|---------------|
| Elektrisitet | 147965 kWh | 0,04 Kg CO2e/kWh | 5,92 tonn CO2 |
|--------------|------------|------------------|---------------|

Sum scope 2 = 5,92 tonn CO2

Scope 3

|                                   |           |              |               |
|-----------------------------------|-----------|--------------|---------------|
| Restavfall (uten emballasjeplast) | 6730 kilo | 0,36 CO2e/Kg | 2,42 tonn CO2 |
|-----------------------------------|-----------|--------------|---------------|



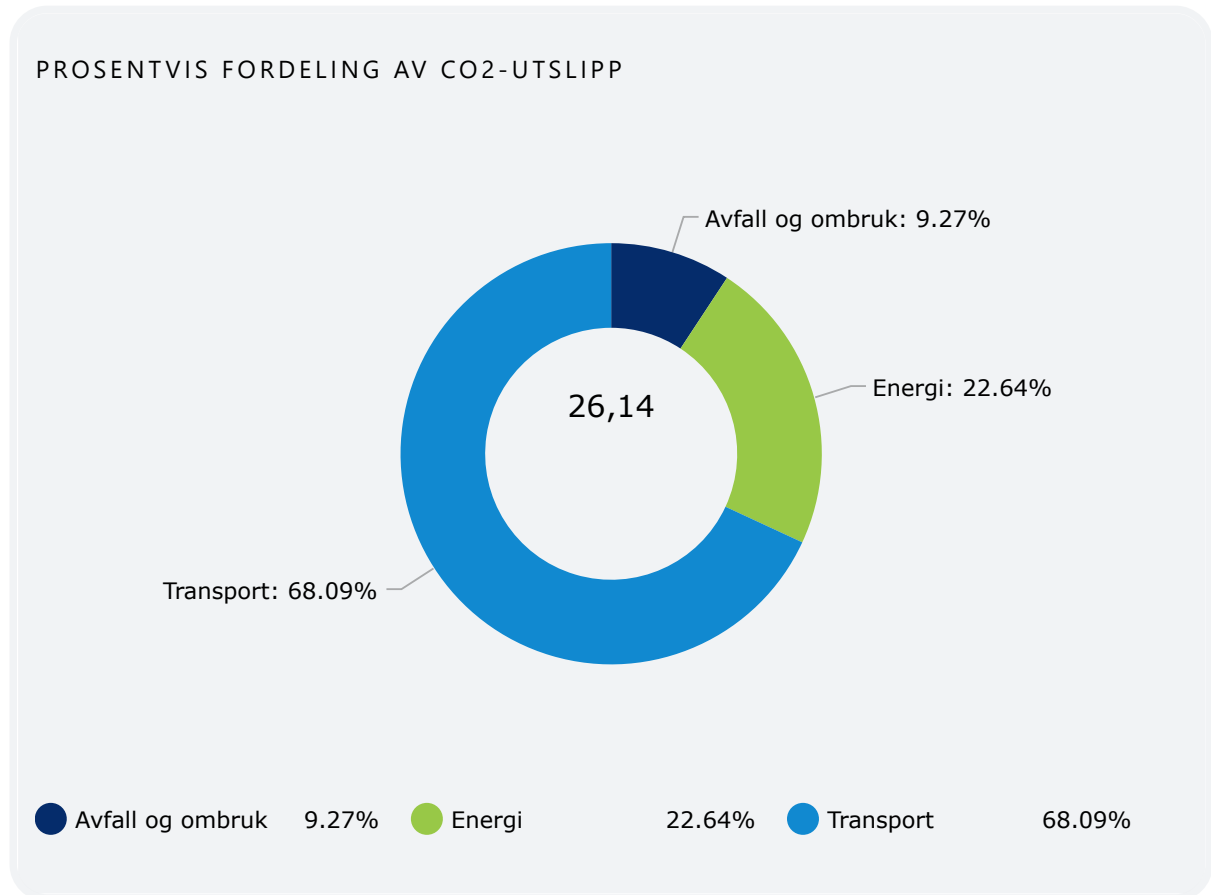
|                           |                  |                       |      |             |
|---------------------------|------------------|-----------------------|------|-------------|
| Antall flyreiser i Norden | 7<br>(tur/retur) | 207 Kg<br>CO2e/reiser | 1,45 | tonn<br>CO2 |
|---------------------------|------------------|-----------------------|------|-------------|

Sum scope 3 = 3,87 tonn CO2

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**Total CO2 utslipp = 26,14 tonn**

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## 2015

| Utslippskilde | Forbruk | Utslippsfaktor | Utslipp |
|---------------|---------|----------------|---------|
|---------------|---------|----------------|---------|

Scope 1

|        |            |                       |                      |
|--------|------------|-----------------------|----------------------|
| Diesel | 4648 liter | 3,11 Kg<br>CO2e/liter | 14,46<br>tonn<br>CO2 |
|--------|------------|-----------------------|----------------------|

Sum scope 1 = 14,46 tonn CO2

---

Scope 2

|              |            |                  |      |          |
|--------------|------------|------------------|------|----------|
| Elektrisitet | 129623 kWh | 0,04 Kg CO2e/kWh | 5,18 | tonn CO2 |
|--------------|------------|------------------|------|----------|

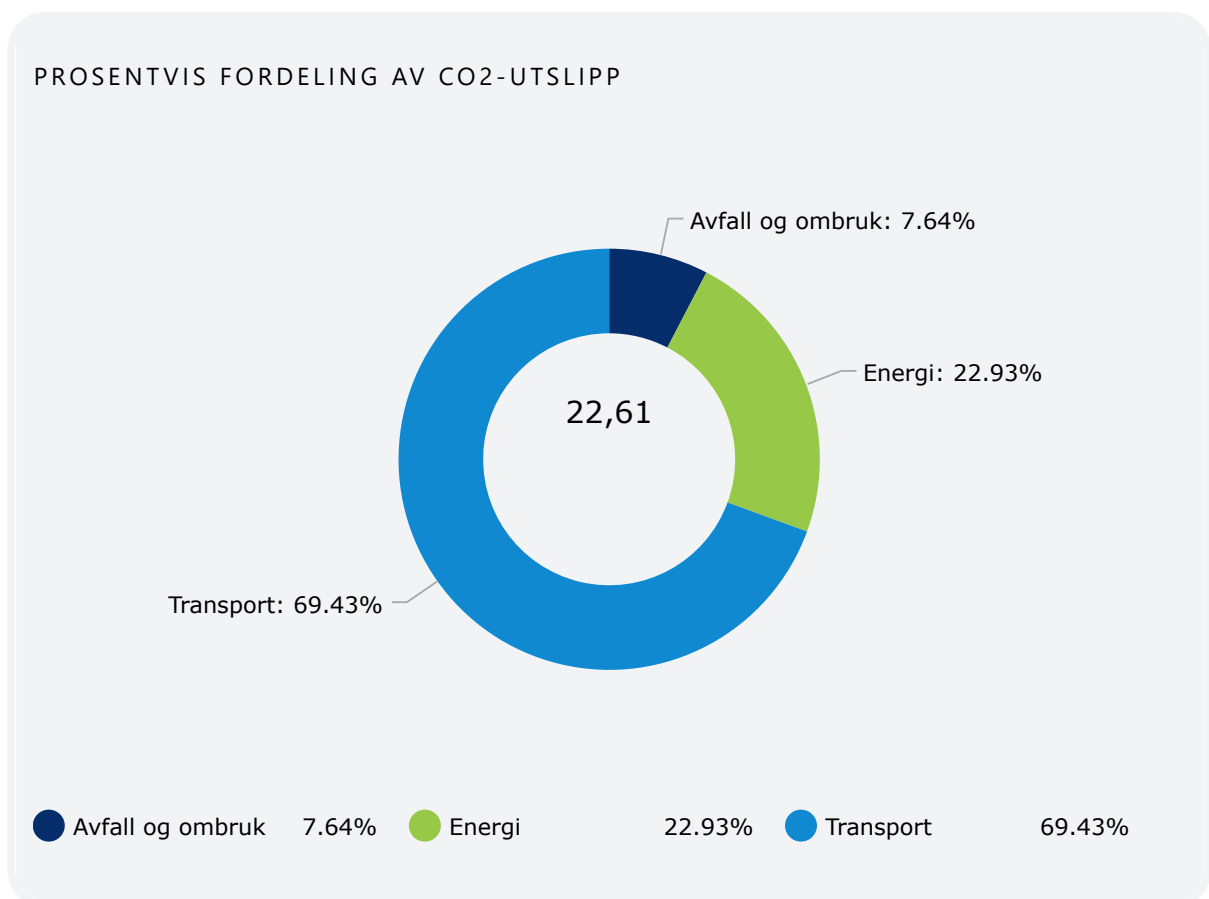
Sum scope 2 = 5,18 tonn CO2

### Scope 3

|                                   |               |                    |      |          |
|-----------------------------------|---------------|--------------------|------|----------|
| Restavfall (uten emballasjeplast) | 4800 kilo     | 0,36 CO2e/Kg       | 1,73 | tonn CO2 |
| Antall flyreiser i Norden         | 6 (tur/retur) | 207 Kg CO2e/reiser | 1,24 | tonn CO2 |

Sum scope 3 = 2,97 tonn CO2

**Total CO2 utslipp = 22,61 tonn**



# 2014

**Utslippskilde**

**Forbruk**

**Utslippsfaktor**

**Utslipp**

### Scope 1

|        |            |                       |       |             |
|--------|------------|-----------------------|-------|-------------|
| Diesel | 5368 liter | 3,11 Kg<br>CO2e/liter | 16,69 | tonn<br>CO2 |
|--------|------------|-----------------------|-------|-------------|

Sum scope 1 = 16,69 tonn CO2

### Scope 2

|              |               |                     |      |             |
|--------------|---------------|---------------------|------|-------------|
| Elektrisitet | 159747<br>kWh | 0,04 Kg<br>CO2e/kWh | 6,39 | tonn<br>CO2 |
|--------------|---------------|---------------------|------|-------------|

Sum scope 2 = 6,39 tonn CO2

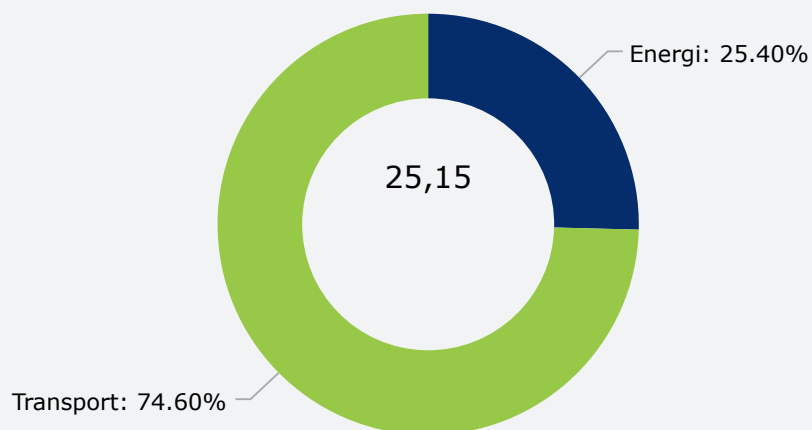
### Scope 3

|                              |                   |                       |      |             |
|------------------------------|-------------------|-----------------------|------|-------------|
| Antall flyreiser i<br>Norden | 10<br>(tur/retur) | 207 Kg<br>CO2e/reiser | 2,07 | tonn<br>CO2 |
|------------------------------|-------------------|-----------------------|------|-------------|

Sum scope 3 = 2,07 tonn CO2

**Total CO2 utslipp = 25,15 tonn**

#### PROSENTVIS FORDELING AV CO2-UTSLIPP



● Energi 25.40% ● Transport 74.60%

# 2013

| Utslippskilde | Forbruk | Utslippsfaktor | Utslipp |
|---------------|---------|----------------|---------|
|---------------|---------|----------------|---------|

## Scope 1

|                          |               |                                 |       |                      |
|--------------------------|---------------|---------------------------------|-------|----------------------|
| Totalt forbruk drivstoff | 4952,34 liter | 2,89 Kg CO <sub>2</sub> e/liter | 14,31 | tonn CO <sub>2</sub> |
|--------------------------|---------------|---------------------------------|-------|----------------------|

Sum scope 1 = 14,31 tonn CO<sub>2</sub>

---

## Scope 2

|              |            |                               |      |                      |
|--------------|------------|-------------------------------|------|----------------------|
| Elektrisitet | 185104 kWh | 0,04 Kg CO <sub>2</sub> e/kWh | 7,40 | tonn CO <sub>2</sub> |
|--------------|------------|-------------------------------|------|----------------------|

Sum scope 2 = 7,40 tonn CO<sub>2</sub>

---

## Scope 3

|                           |                |                                 |      |                      |
|---------------------------|----------------|---------------------------------|------|----------------------|
| Antall flyreiser i Norden | 15 (tur/retur) | 207 Kg CO <sub>2</sub> e/reiser | 3,10 | tonn CO <sub>2</sub> |
|---------------------------|----------------|---------------------------------|------|----------------------|

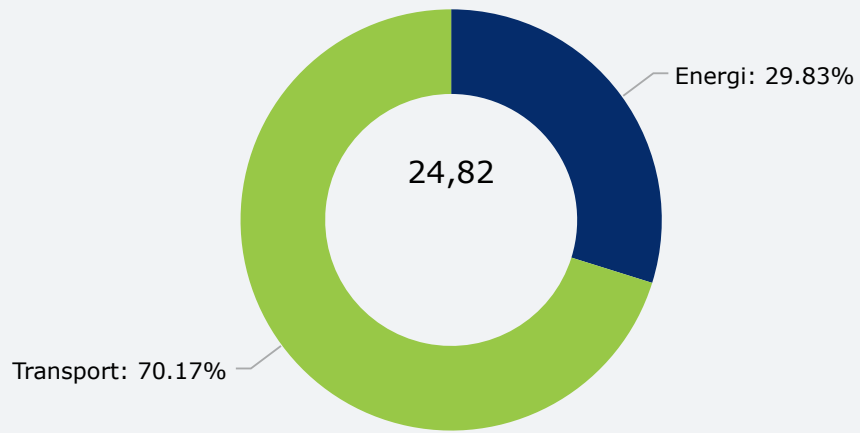
Sum scope 3 = 3,10 tonn CO<sub>2</sub>

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**Total CO<sub>2</sub> utslipp = 24,82 tonn**

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PROSENTVIS FORDELING AV CO2-UTSLIPP



● Energi 29.83% ● Transport 70.17%