

## fuel\_emission\_factors

```
fuel_emission_factor
+ uid: uid
+ fuel: {
  + name: string
  + code: string
}
+ factor: [array] {
  + unit: string
  + wtt: number
  + ttw: number
  + wtwt: number
}
+ source: string
+ region: string
```

```
fuel_emission_factor
+ uid: uid
+ fuel: {
  + name: string
  + code: string
}
+ factor: [array] {
  + unit: string
  + wtt: number
  + ttw: number
  + wtwt: number
}
+ source: string
+ region: string
```

## emission\_calculations

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| emission_calculation |
|                      |
|                      |

**intensity\_emission\_factors**

```

road_intensity_emission_factor
+ uuid: uid
+ vehicle: {
  + code: string
  + name: string
  + weight: {
    + lower: number
    + upper: number
    + unit: string
  }
  + engineType: string
}
+ characteristics: {
  + loadFactor: number
  + emptyRunning: number
  + loadCharacteristic: string
  + combinedLoadFactorEmptyRunning: number
}
+ fuel: {
  + name: string
  + code: string
}
+ fuelConsumption: [array] {
  + value: number
  + unit: string
}
+ factor: {
  + unit: string
  + wtt: number
  + ttw: number
  + twt: number
}
+ refrigerated: boolean
+ source: string
+ region: string

```

```

road_intensity_emission_factor
+ uuid: uid
+ vehicle: {
  + code: string
  + name: string
  + weight: {
    + lower: number
    + upper: number
    + unit: string
  }
  + engineType: string
}
+ characteristics: {
  + loadFactor: number
  + emptyRunning: number
  + loadCharacteristic: string
  + combinedLoadFactorEmptyRunning: number
}
+ fuel: {
  + name: string
  + code: string
}
+ fuelConsumption: [array] {
  + value: number
  + unit: string
}
+ factor: {
  + unit: string
  + wtt: number
  + ttw: number
  + twt: number
}
+ refrigerated: boolean
+ source: string
+ region: string

```

```

road_intensity_emission_factor
+ uuid: uid
+ characteristics: {
  + loadFactor: number
  + emptyRunning: number
  + loadCharacteristic: string
}
+ tractionType: "DIESEL" | "ELECTRIC" | "UNKNOWN"
+ fuelConsumption: [array] {
  + value: number
  + unit: string
}
+ factor: {
  + unit: string
  + wtt: number
  + twt: number
  + wtw: number
}
+ refrigerated: boolean
+ source: string
+ region: string

```

```

road_intensity_emission_factor
+ uuid: uid
+ characteristics: {
  + loadFactor: number
  + emptyRunning: number
  + loadCharacteristic: string
}
+ tractionType: "DIESEL" | "ELECTRIC" | "UNKNOWN"
+ fuelConsumption: [array] {
  + value: number
  + unit: string
}
+ factor: {
  + unit: string
  + wtt: number
  + twt: number
  + wtw: number
}
+ refrigerated: boolean
+ source: string
+ region: string

```

| <b>air_intensity_emission_factor</b> |
|--------------------------------------|
| + uuid: uid                          |

| <b>air_intensity_emission_factor</b> |
|--------------------------------------|
| + uuid: uid                          |

| ocean_intensity_emission_factor |
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| + uuid: uid                     |

| ocean_intensity_emission_factor |
|---------------------------------|
| + uuid: uid                     |