Ipsum Traffic

Statistical Data Visualisation Software



Comhairle Contae County Council







Ipsum Traffic Product Overview

- Developed and Owned by Civic Group ullet
- Detection of vehicle, pedestrian and cyclists ullet
- **Realtime Statistical Traffic Data** \bullet
 - Count
 - Classification Pedestrian, Bicycle, Motorbike, Car, Van, Small Truck, Large Truck/Bus
 - Speed
 - Gap & Headway
 - Queue Analysis
 - Trend Data Reporting
 - Air Quality Data



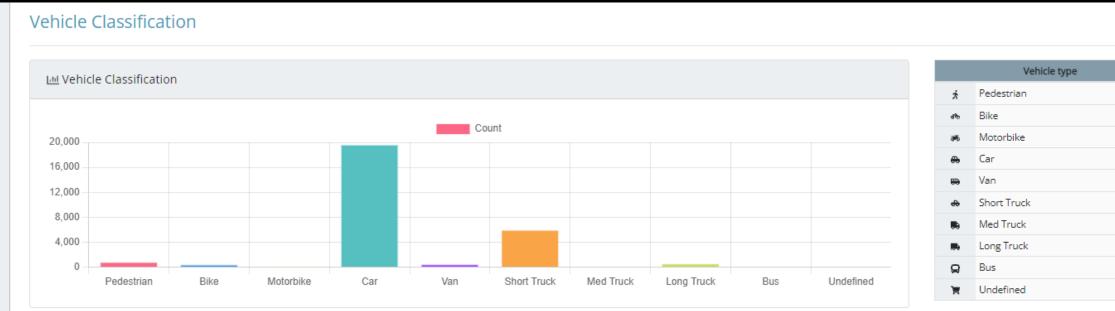




The Importance of Data **Data Is The New Oil...**

Live Statistical Data

- Web Ipsum Portal
- Mobile Device
- API



Volume

| Zone | Pedestrian | Bike | Motorbike | Car | Van | Large Van | Truck |
|---|------------|------|-----------|-------|-----|-----------|-------|
| Z1: Eastside Footpath - Ped, Bike & Undefined | 518 | 52 | 0 | 0 | 0 | 0 | 0 |
| Z2: Eastside Cycle Lane | 0 | 117 | 0 | 0 | 0 | 0 | 0 |
| Z3: Eastside Footpath - Ped, Bike & Undefined | 175 | 30 | 0 | 0 | 0 | 0 | 0 |
| Z4 : Eastside Vehicle Ln - Bike, Motorbike, Car, Transporter, Short Truck, Long Truck | 0 | 44 | 4 | 9528 | 142 | 3023 | 0 |
| Z5: Westside Vehicle Ln - Bike, Motorbike, Car, Transporter, Short Truck, Long Truck | 0 | 60 | 12 | 10110 | 340 | 2944 | 0 |
| Z6: Westside Footpath - Ped, Bike & Undefined | 31 | 54 | 0 | 0 | 0 | 0 | 0 |
| Z7: Westside Footpath - Ped, Bike & Undefined | 97 | 67 | 0 | 0 | 0 | 0 | 0 |
| | | | | | | | |

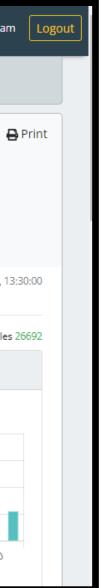


| | Map Reports - | Assets | Users 🕶 | | | | Neil Cunningha |
|--------------------------|----------------------------------|---------------------------------|---------------------|-----------------------------|--|---|---|
| Vehicle Dete | ector Report | | | | | | |
| Location Limerick | | | ~ | | () Time From 00:00 | ् Search × | |
| Asset Riverpoint, Lir | merick | | ~ | | () Time To 23:59 | | |
| Vehicle Cour | | | | | | | Last Update: 29/10/2022, 1 |
| | | | | | | | Total Pedestrians 821 Bikes 424 Vehicle |
| 내 Vehicle Cou | nt | | | | | | |
| 2,000 | | | | Pedestria | n Bike Vehicles | | |
| 1,500 1,000 | :00 02:00-03:00 03:00-04:0 | 0 04:00-05:00 05:00-06:00 | ⁰ 0;10 a | 0 000 1000 1100 | 00-12:00 12:00-13:00 13:00-14:00 14:00-15:00 15:00 | 00-16:00 16:00-17:00 17:00-18:00 18:00-19:00 | 2:00-20:00 20:00-21:00 21:00-22:00 22:00-23:00 23:00-24:00 23:00-24:00 |
| 821 | 02:00-03:00-01 | 04:00-0- 05:00-00 (| 07:00-05 | 08:00~~ 09:00~, 10:00~, 11: | 12:00, 13:00, 14:00, 15: | 00. 16:00. 17:00.1. 18:00.1. 1 | 20.00° 20:00° 21:00° 22:00° 23:00° 2 |



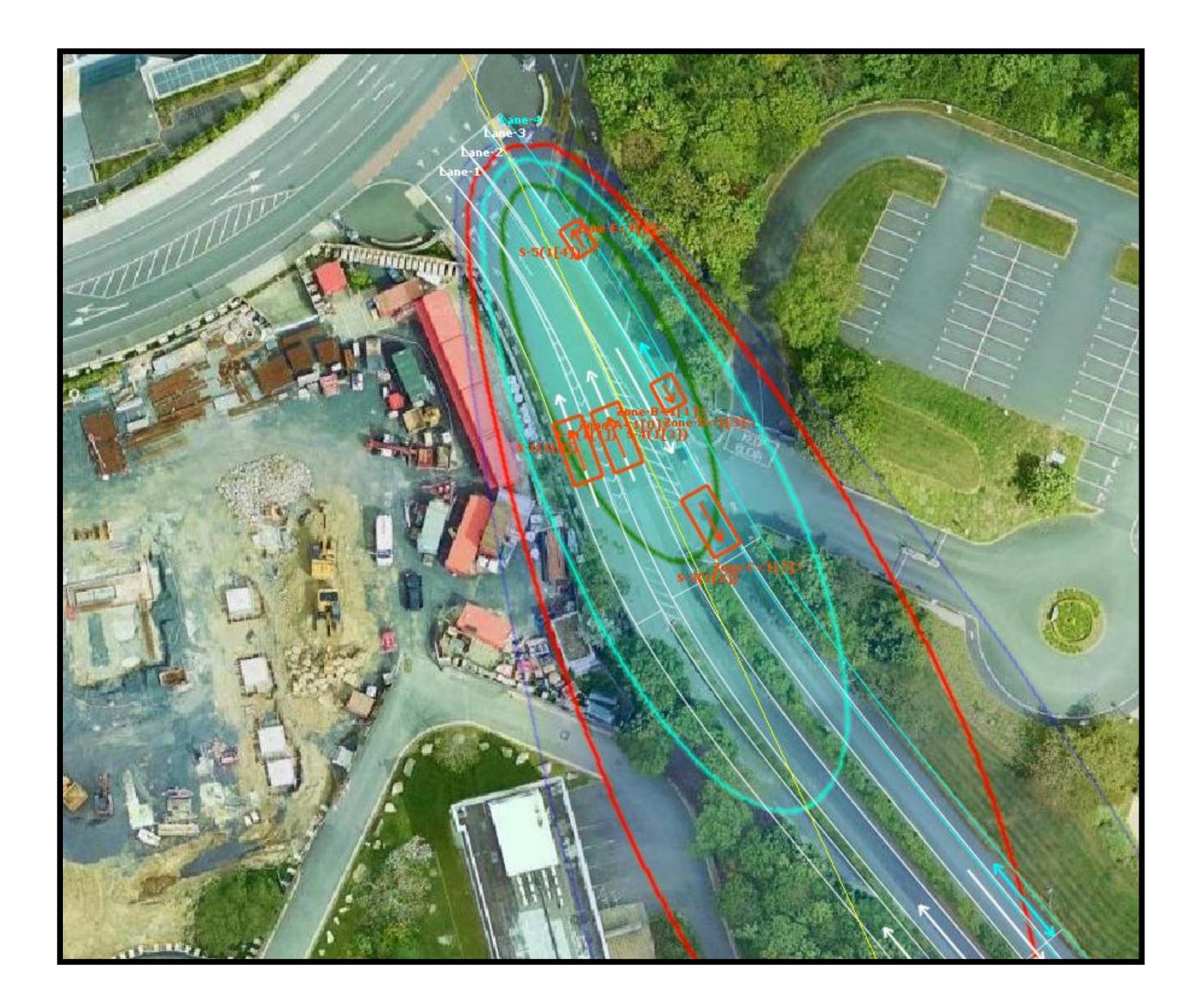
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Ipsum Traffic Virtual Detection Zones

- Add, remove and relocate virtual detection zones to enhance the data you require.
- Chose what class of traffic you want to count and in what direction.
- Insert new lanes
- Add speed assessment zones
- Send data via API
- Remote access





Ipsum Traffic Interrogate by Zone

- Expand data for each detection zone
- Monitor traffic flows
- Observe movement trends
- Download report to pdf
- Download count charts to image file
- Download data to excel

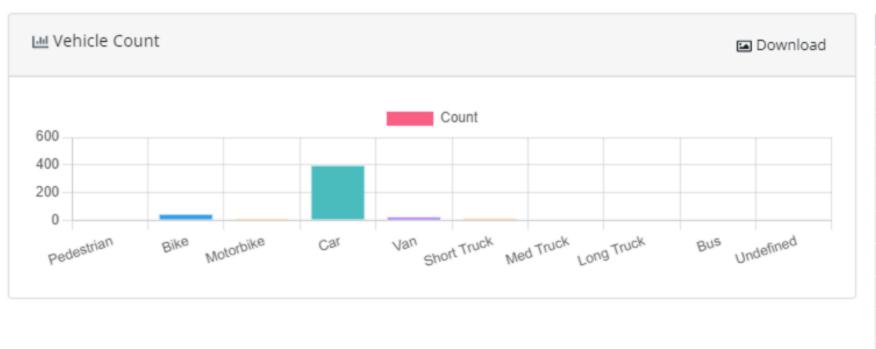
Vehicle / Bike Eastbound

Vehicle & Pedestrian Count



| | | | | | | | × |
|-------|---------|---------|-------|---------|-------|---------|-------|
| | | | | | | | |
| 00:00 | - 06:00 | 06:00 - | 12:00 | 12:00 - | 18:00 | 18:00 - | 24:00 |
| Time | Total | Time | Total | Time | Total | Time | Total |
| 0 - 1 | 8 | 6 - 7 | 3 | 12 - 13 | 53 | 18 - 19 | 37 |
| 1 - 2 | 6 | 7 - 8 | 7 | 13 - 14 | 37 | 19 - 20 | 31 |
| 2 - 3 | 1 | 8 - 9 | 6 | 14 - 15 | 45 | 20 - 21 | 33 |
| 3 - 4 | 1 | 9 - 10 | 20 | 15 - 16 | 50 | 21 - 22 | 17 |
| 4 - 5 | 1 | 10 - 11 | 27 | 16 - 17 | 24 | 22 - 23 | 8 |
| 5 - 6 | 0 | 11 - 12 | 41 | 17 - 18 | 39 | 23 - 24 | 7 |

Vehicle Classification



| | Vehicle type | Count | | | | | | |
|---------------|--------------|-------|--|--|--|--|--|--|
| Ŕ | Pedestrian | 0 | | | | | | |
| ൽ | Bike | 46 | | | | | | |
| 26 | Motorbike | 11 | | | | | | |
| ♣ | Car | 401 | | | | | | |
| 60 | Van | 25 | | | | | | |
| ••• | Short Truck | 14 | | | | | | |
| | Med Truck | 0 | | | | | | |
| | Long Truck | 5 | | | | | | |
| Q | Bus | 0 | | | | | | |
| 'n | Undefined | 0 | | | | | | |
| | | | | | | | | |
| Headway | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

Gap and Headway (Average / Hr)

| Date | 2 | Time | Gap | Headway |
|------|---|------|-----|--------------|
| | | | | |
| | | | | |
| | | | | 🛃 Download 🛛 |
| | | | | |



Ipsum Traffic Device Monitoring

- 24/7/365 Monitoring of the device
- Automatic alert email notifications
- Low data transfer
- Edge processing
- HTTPS & MQTT communications
- Supports CSV and JSON
- Secure Web Portal SSL Certificate



Incident Communication

We have lost communication with the device

036CA2 - Benburb St / Blackhall Place – Luas Into Town Last update at 02:21 03/06/2023

This is an automatic email generated by Ipsum Traffic.

You are receiving this email because your email address is assigned as a recipient of automated emails related to this traffic radar.

For more information please contact <u>dev@ipsum365.com</u>





Ipsum Traffic Make Informed Decisions

- Safe Cycle Schemes
- Budget Preparation
- Public Consultation
- Realtime Data
- Planning
- Design
- Trend Counts
- Validation

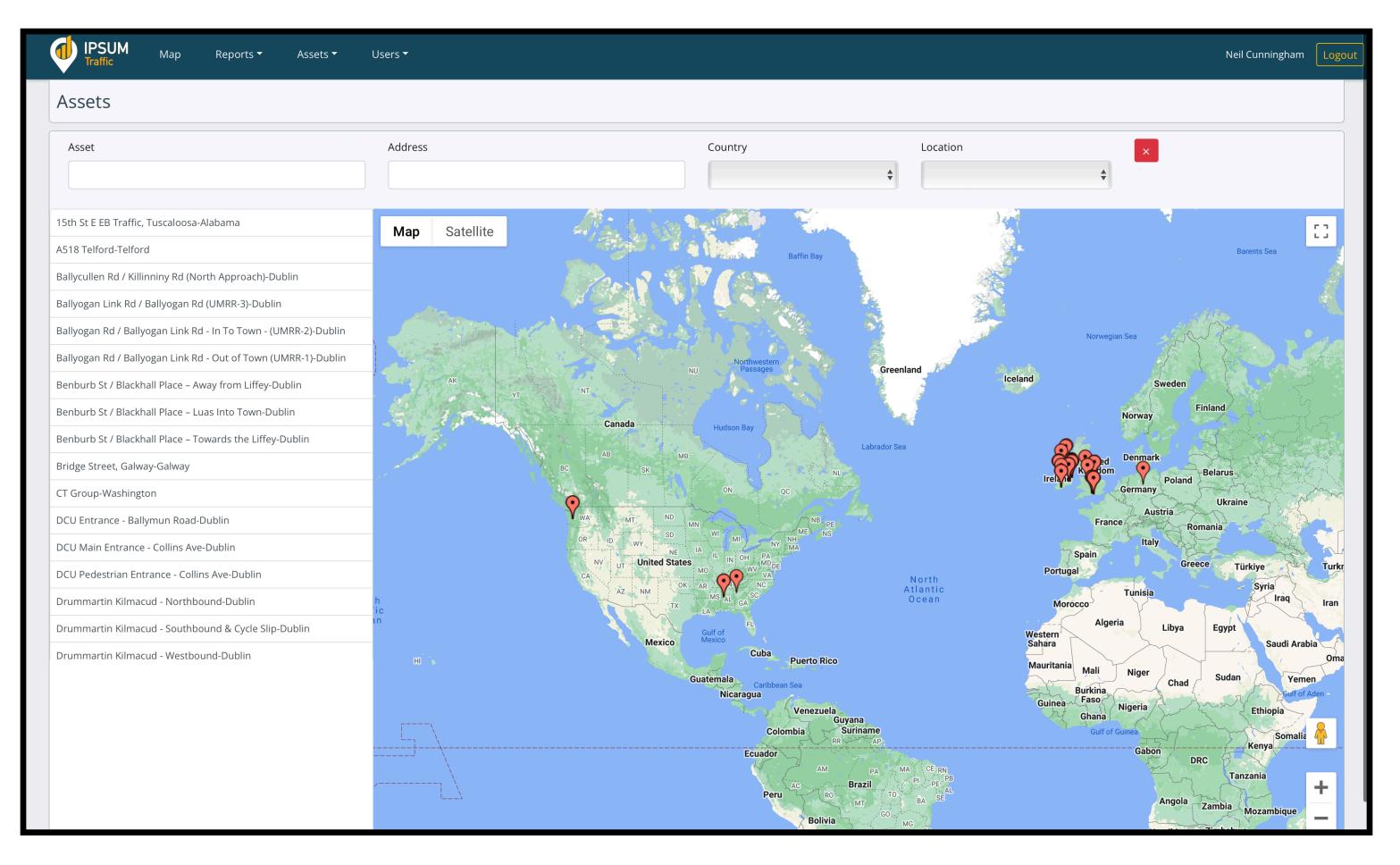






Ipsum Traffic Existing Installations

- Ireland / Europe
- United Kingdom
- United States of America
- Australia

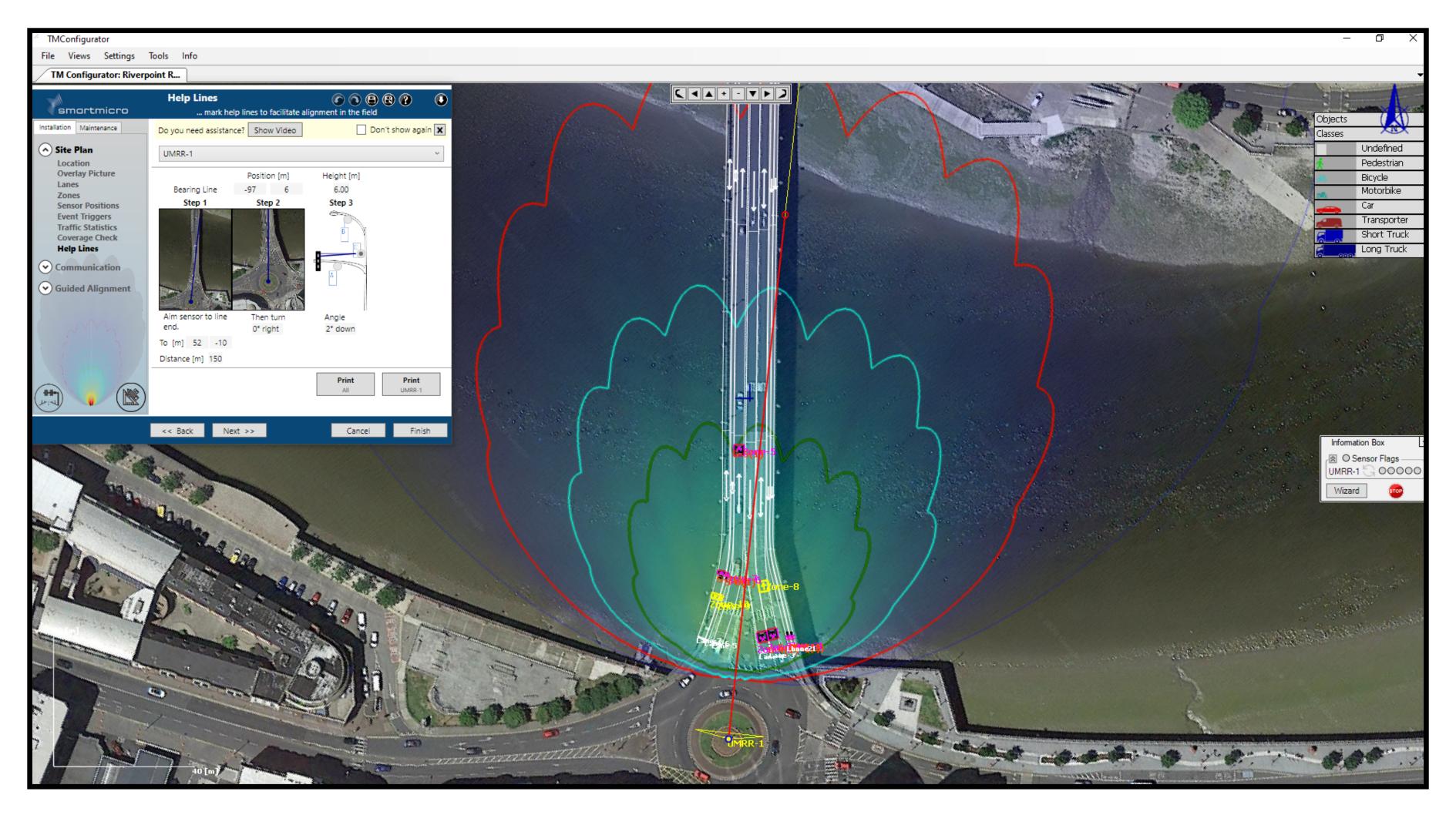


Over 350+ Ipsum Sites Installed Worldwide

GIVIC



Ipsum Traffic Riverpoint, Shannon Bridge, Limerick City

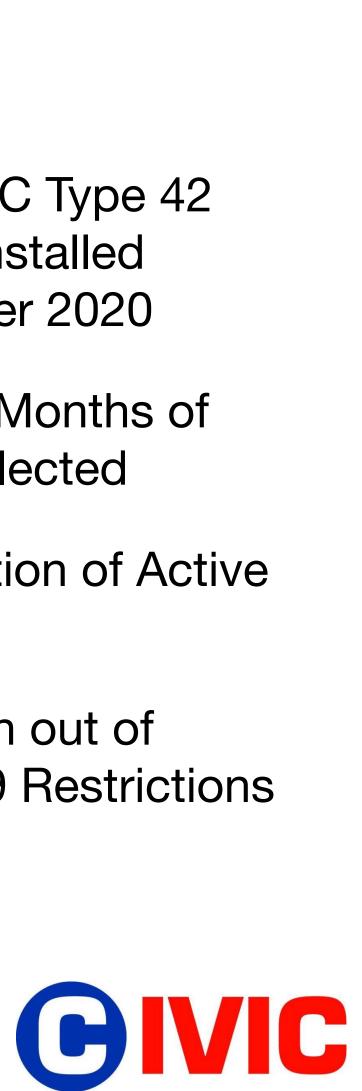


UMRR-0C Type 42 sensor installed November 2020

Over 36 Months of Data Collected

Introduction of Active Travel

Transition out of **Covid-19 Restrictions**



Ipsum Traffic Comparative Data

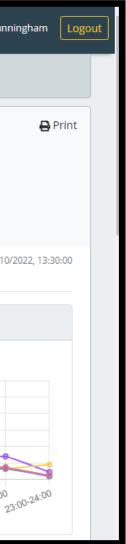
| | Мар | Reports - | Assets | Users - | | | Neil Cunningham |
|---|--------------|--------------------------------|---------|--------------------|--|------------|---|
| Vehicle [| Detector | r Trend | | | | | |
| Location Limerick Asset Riverpoi | nt, Limerick | | | • | abla Select Dates 29/10/2021, 28/10/2021, . x abla abla abla abla abla abla abla abl | Q Search X | 🖨 Pri |
| Vehicle (| Count - P | EDESTRIAN | | | | | Last Update: 29/10/2022, 13:30:0 |
| Lui Vehicl | e Count | | | | | | |
| 80 - 60 - 40 - 20 - 0 - 0 - 0 - | | 0-03:00 03:00-04:00 04:0 | 0.05:00 | | 25-10-2021 26-10-2021 27-10-2021 28-10-202 26-10-2021 27-10-2021 28-10-202 | | 21:00-22:00 22:00-23:00 23:00-24:00 |

Riverpoint, Limerick City. Week 43, 2021 Pedestrian Counts

| Š | | Мар | Reports 🕶 | Assets | Users 🕶 | | Neil Cun |
|---|---|-----------|--------------------------------|---------|--------------------------------|--|-------------------|
| | Vehicle De | etector | ⁻ Trend | | | | |
| | Location Limerick Asset Riverpoint, | Limerick | | | | | |
| | Vehicle Co | | EDESTRIAN | | | Last U | lpdate: 29/1 |
| | 120 100 80 60 40 20 0 0 0 0 0 0 0 0 120 100 80 60 40 20 0 0 0 0 0 0 0 0 0 0 0 0 0 | .00-02:00 | 1-03:00 03:00-04:00 04:0 | 0.05:00 | | 24-10-2022 25-10-2022 26-10-2022 27-10-2022 28-10- | 10 22:00-23:00 |

Riverpoint, Limerick City. Week 43, 2022 Pedestrian Counts





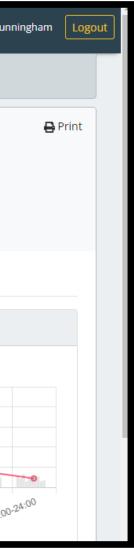
Ipsum Traffic Comparative Data

| IPSUM Map Reports - Assets Users - | Neil Cunningham Logout | IPSUM Map Reports - Assets Users - | Neil Cur |
|--|---------------------------|---|------------|
| Vehicle Detector Annual Trend | | Vehicle Detector Annual Trend | |
| Location Image: Select Year Limerick 2021 Asset Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Riverpoint, Limerick Image: Select Year Vehicle Count - BIKE | 🖨 Print | Location Limerick Asset Riverpoint, Limerick Wehicle Count - BIKE Location Limerick Bi Select Year 2022 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Sec Sec Sec Sec Sec Sec Sec Sec Sec Sec | Q Search X |
| Let Vehicle Count | 2:00-23:00 23:00-24:00 | Lett Vehicle Count | |

Riverpoint, Limerick City. Annual Bicycle Count 2021

Riverpoint, Limerick City. Annual Bicycle Count 2022

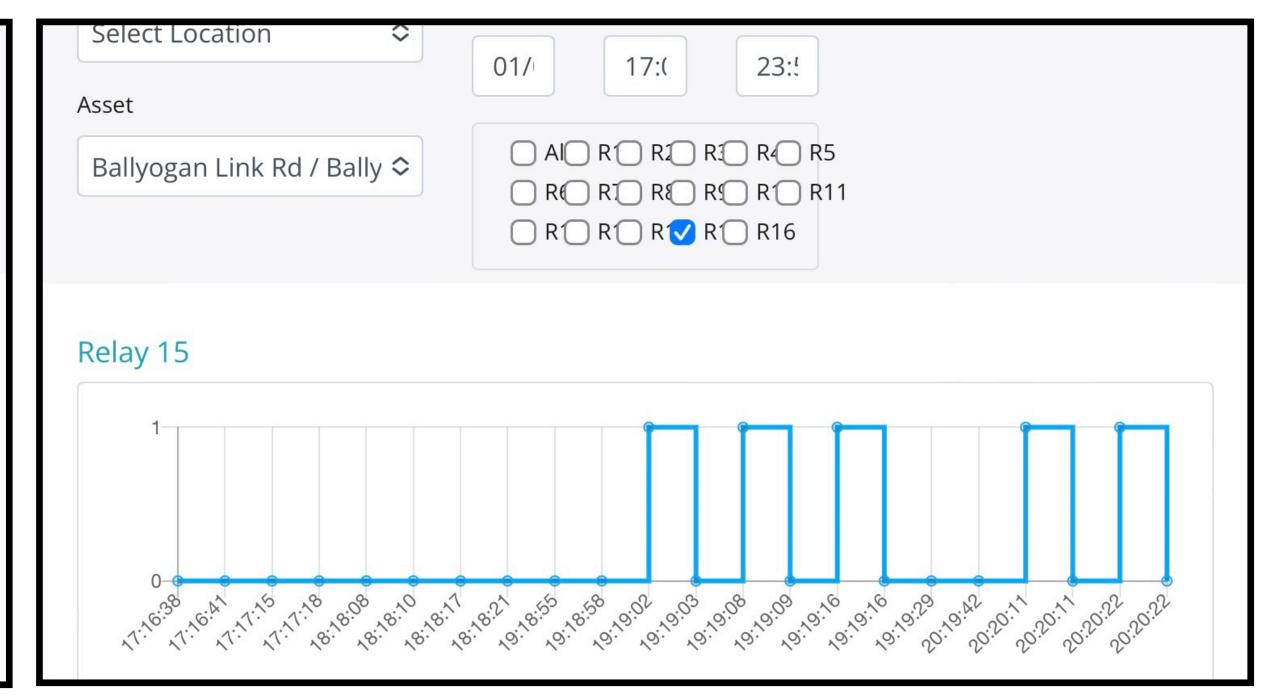




Ipsum Traffic Queue Detection Data



Heavy Traffic Flow



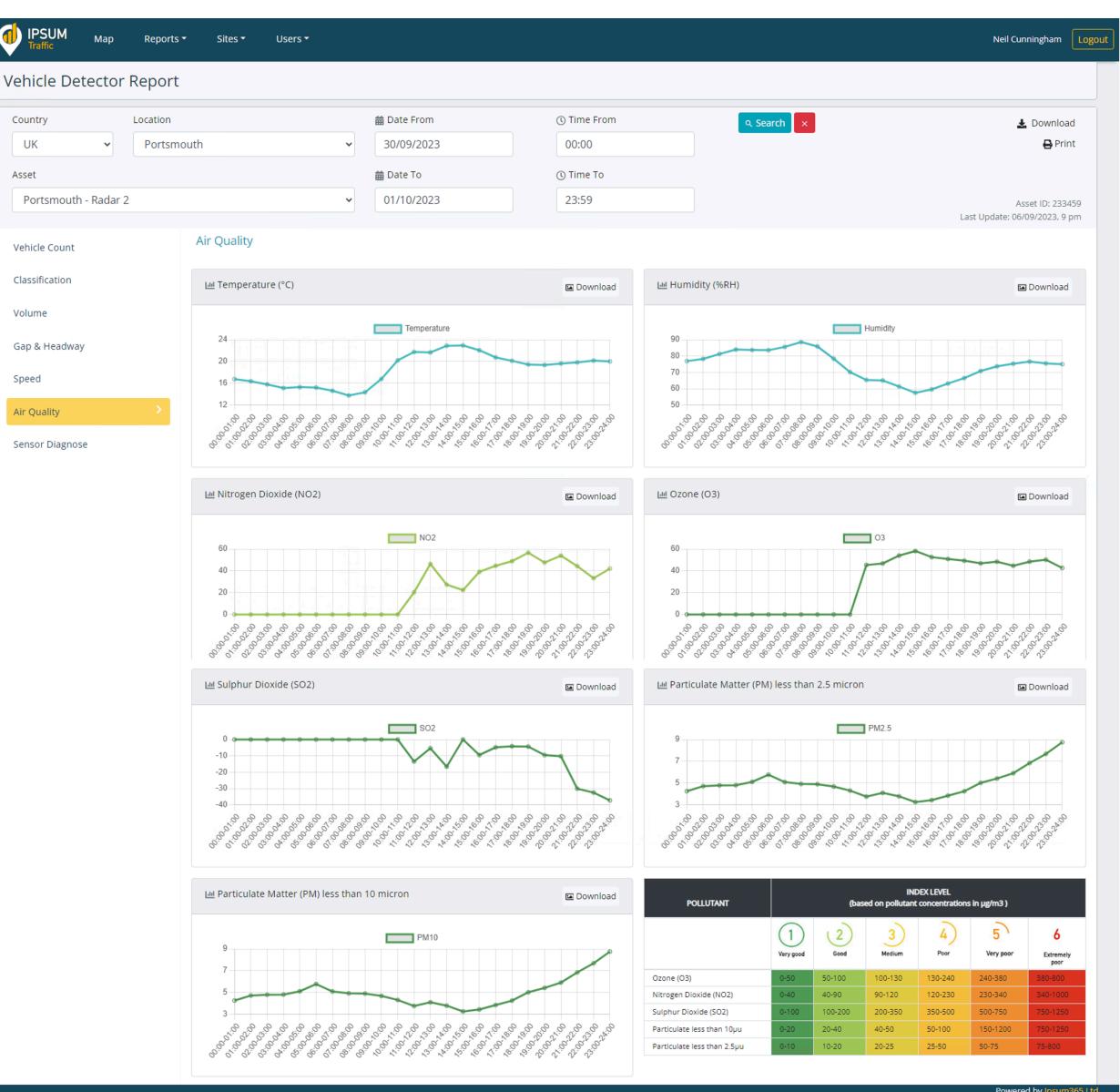
Light Traffic Flow



Ipsum Traffic Air Quality Data

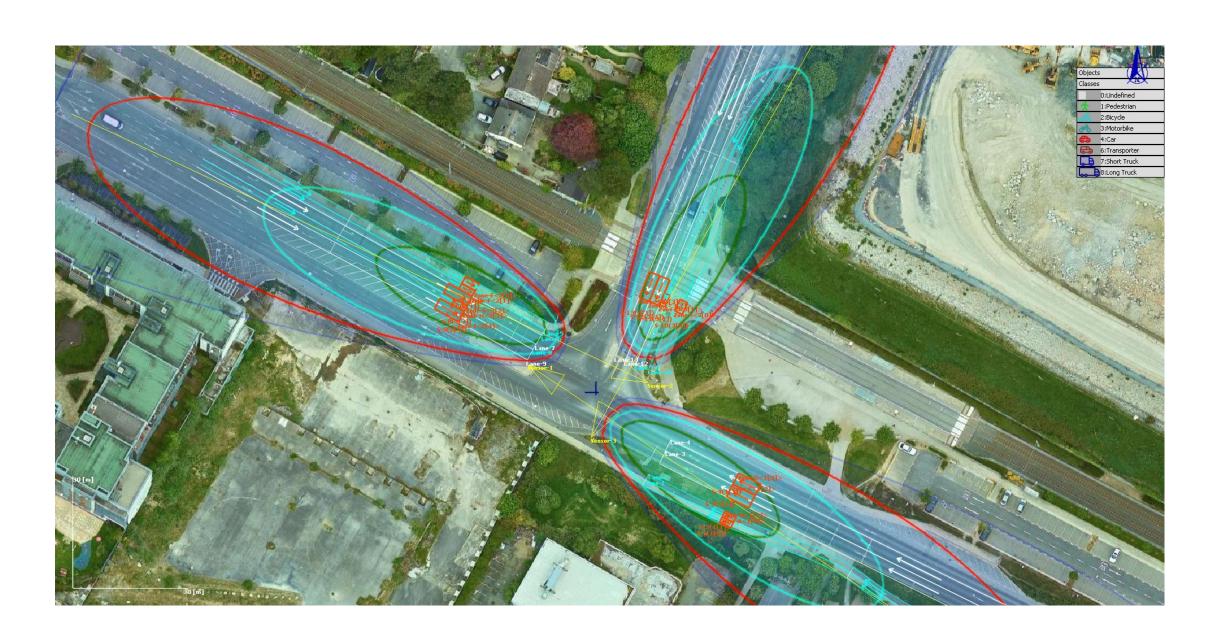
Ipsum Traffic integrates with air quality sensors enabling transport and environmental engineers to monitor the effects of traffic volumes on air quality in real-time.

Generate professional reports at one click.

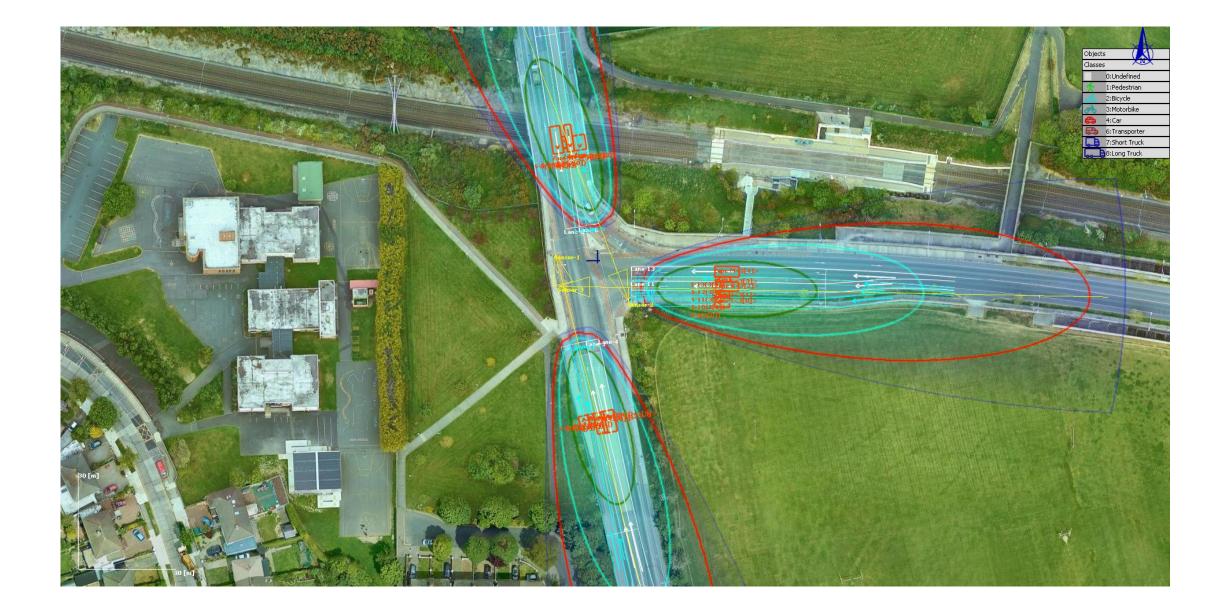


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Blackthorn Ave - St Raphaela's

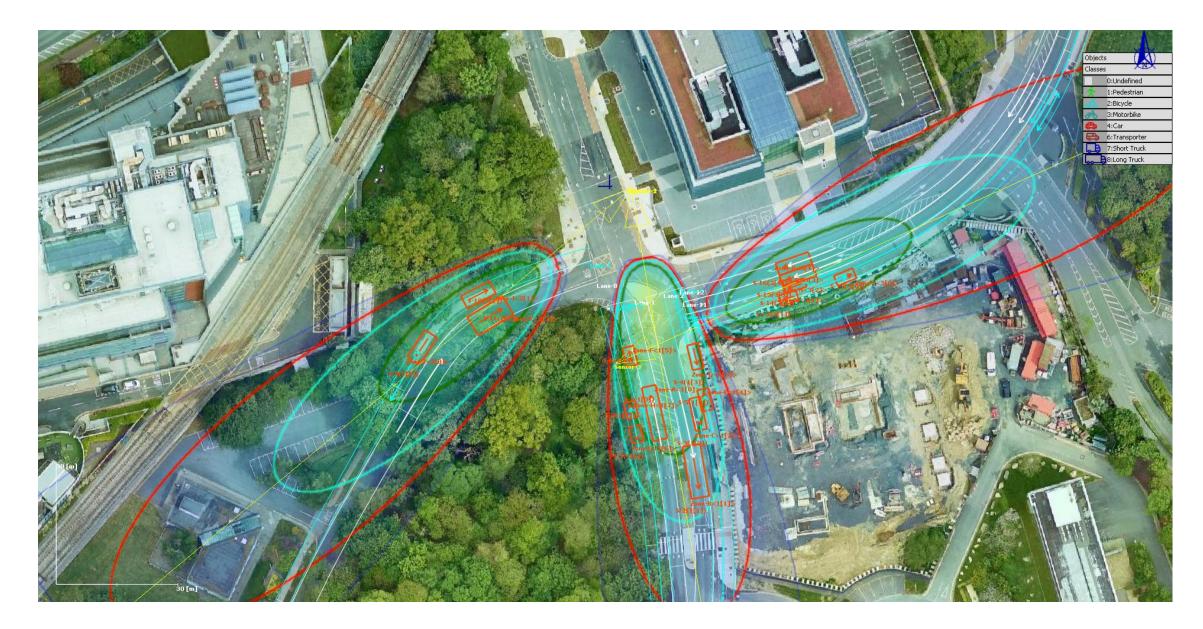


Drummartin Ave - Benildus



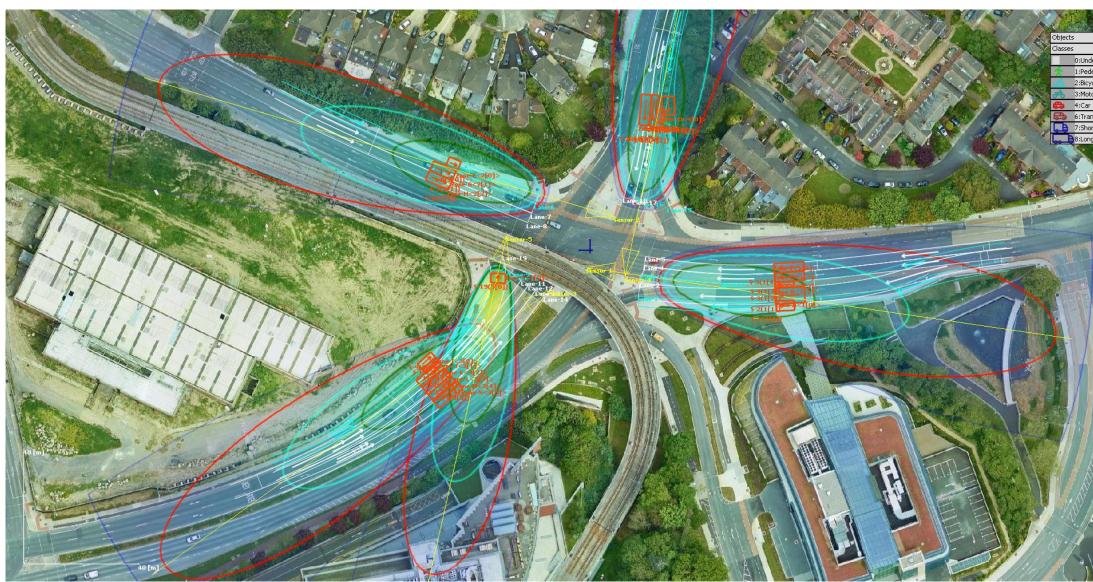


Leopardstown Link Road



Leopardstown Link Out Road





N31 - Burton Hall





N31 - Tipperstown





R113 - Leopardstown Link Road





Thank You.

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