

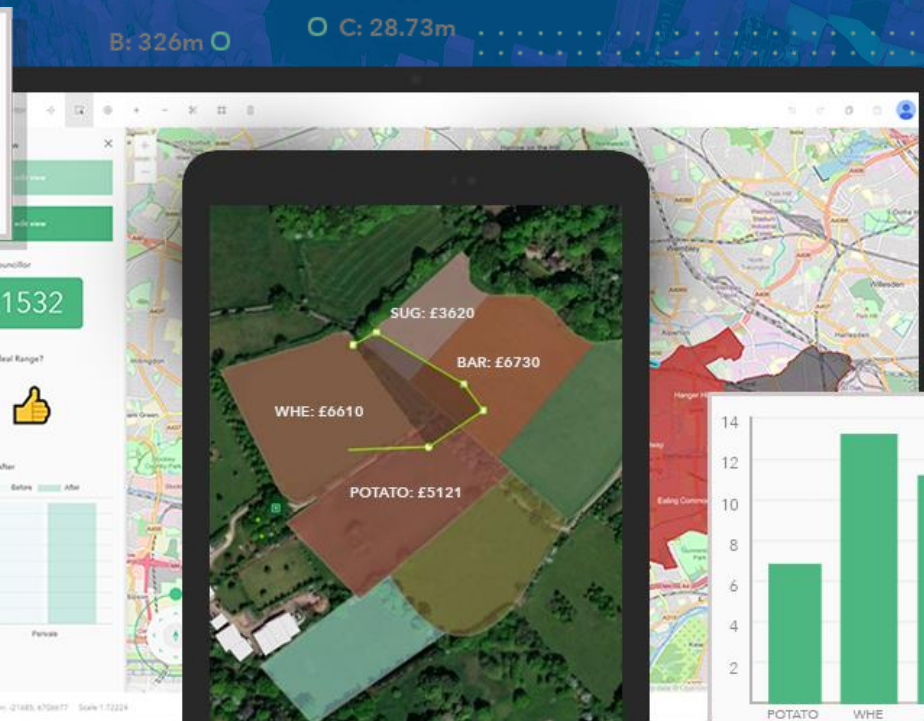
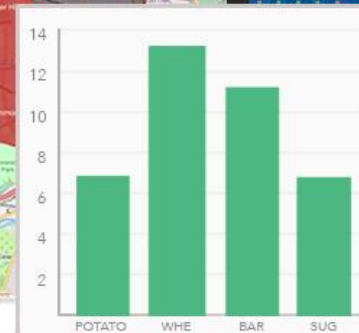
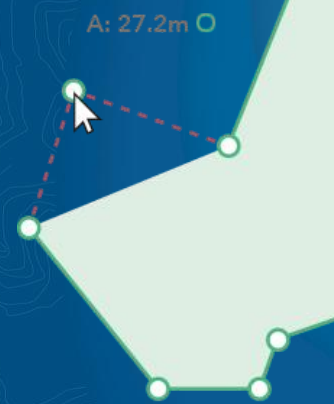
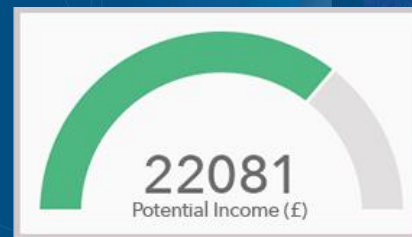
ESRI 2023
GIS TECH

Welkom



Sweet for ArcGIS:

De krachtigste configurabele web-editor



Who are we?



Catherine Clarke

customer success consultant

Esri UK



James Harvey

*international
partner manager*

Esri UK



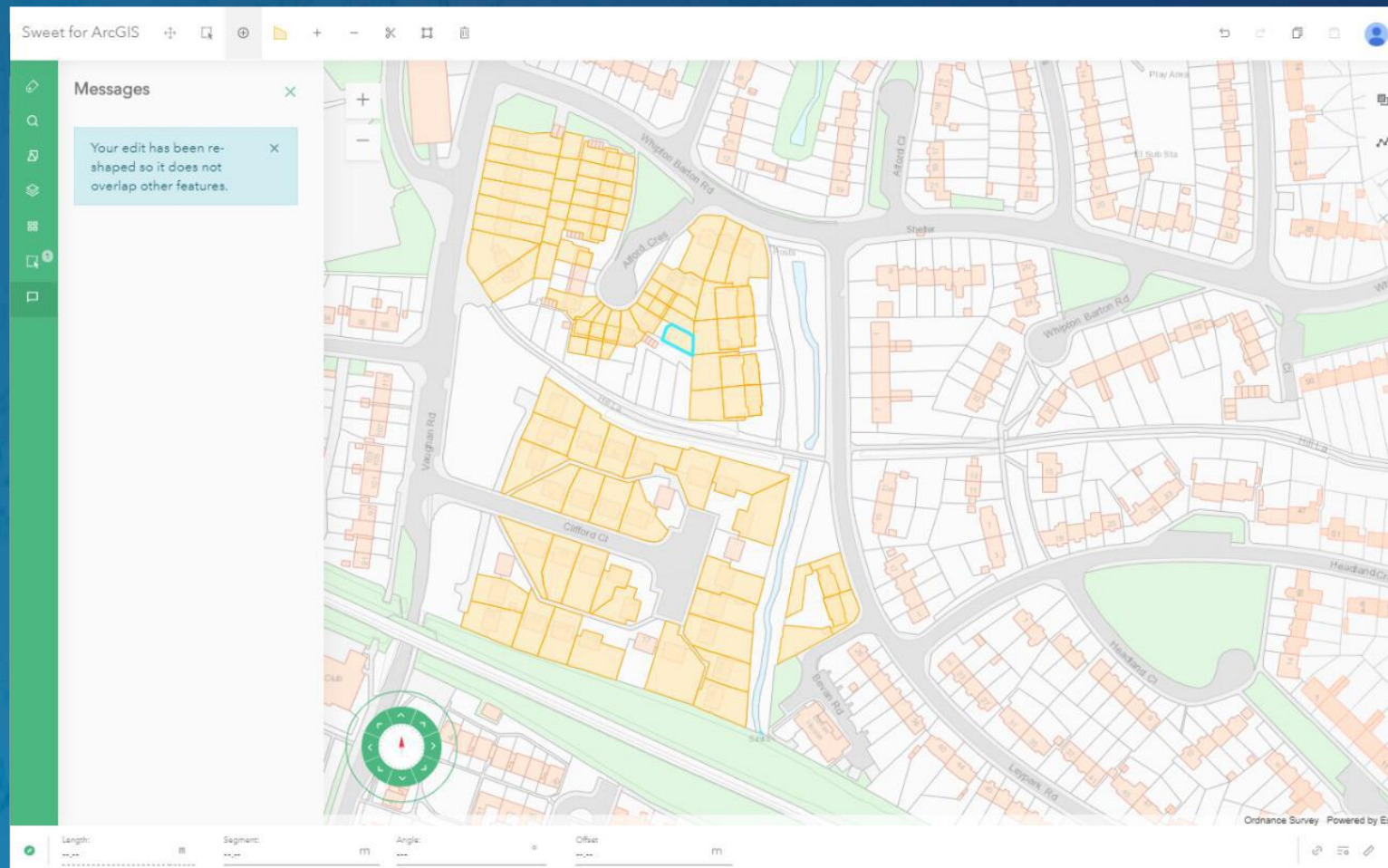
René Colijn

productmanager

Esri Nederland

Programma

- Introductie van Sweet for ArcGIS
- Architectuur
- De kracht in Demo's
 - Innovatiesprint
- Samenvatting



Wat is Sweet for ArcGIS?

De krachtigste configurabele web-editor

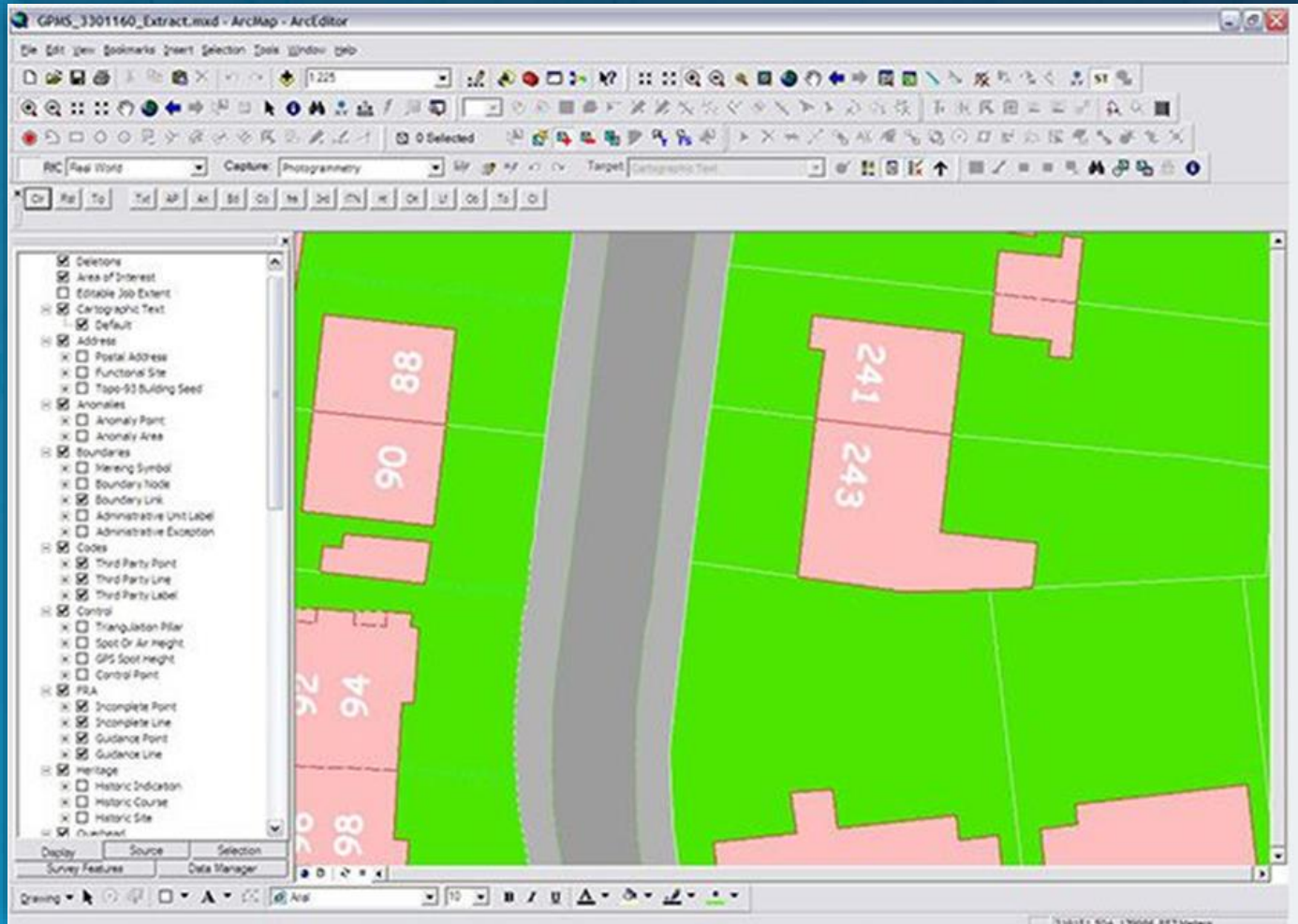


Why was Sweet for ArcGIS Developed?

- The aim of Sweet is to open up **data collection** and **editing to everyone**.
- Without Sweet, many organizations use complex desktop tools like **ArcGIS Pro** to perform simple tasks that could be completed over the web.
- Data is **validated** at point of entry, so organizations **save time and money** that would otherwise be spent on **quality control**.

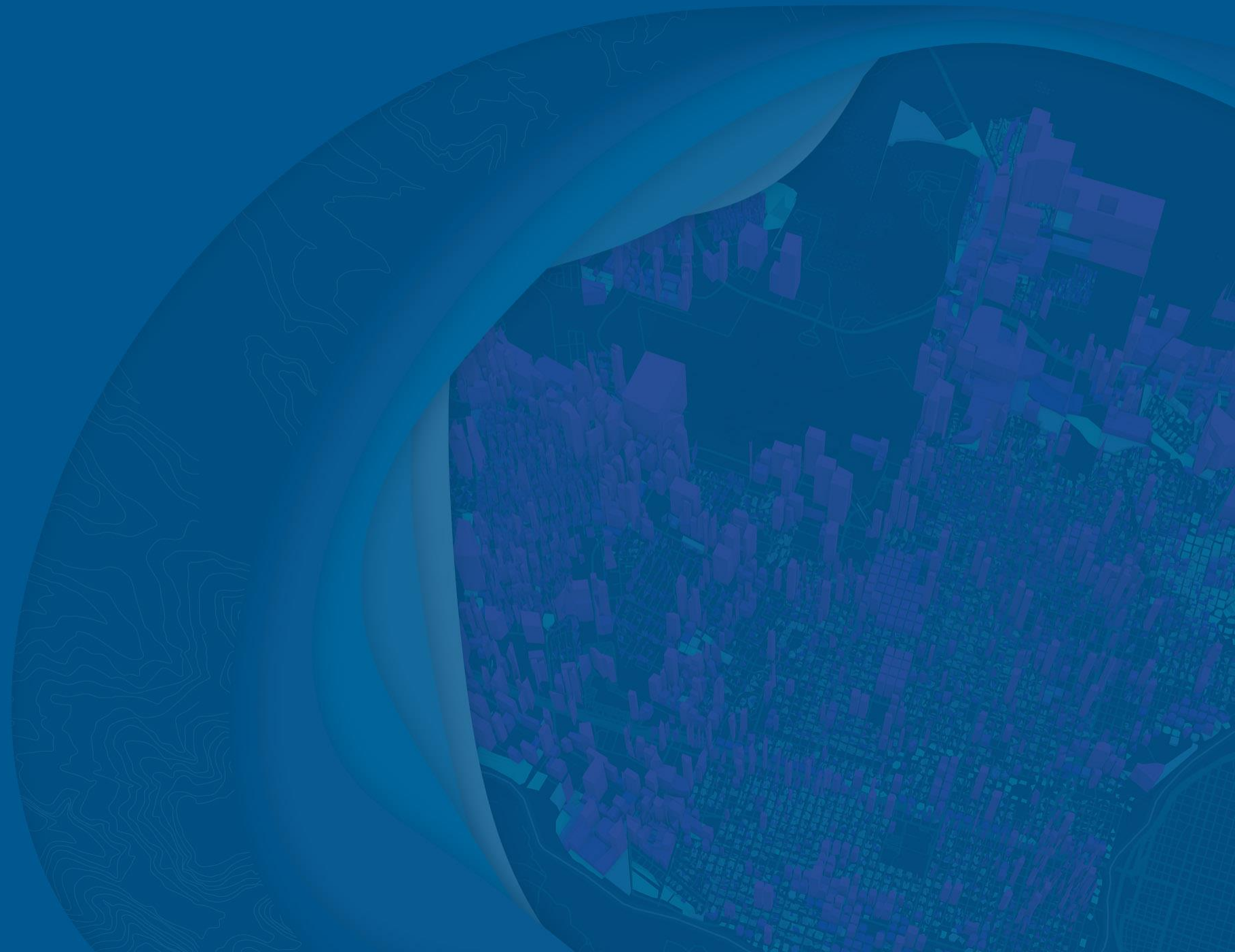


Example of an ArcMap desktop Edit Client



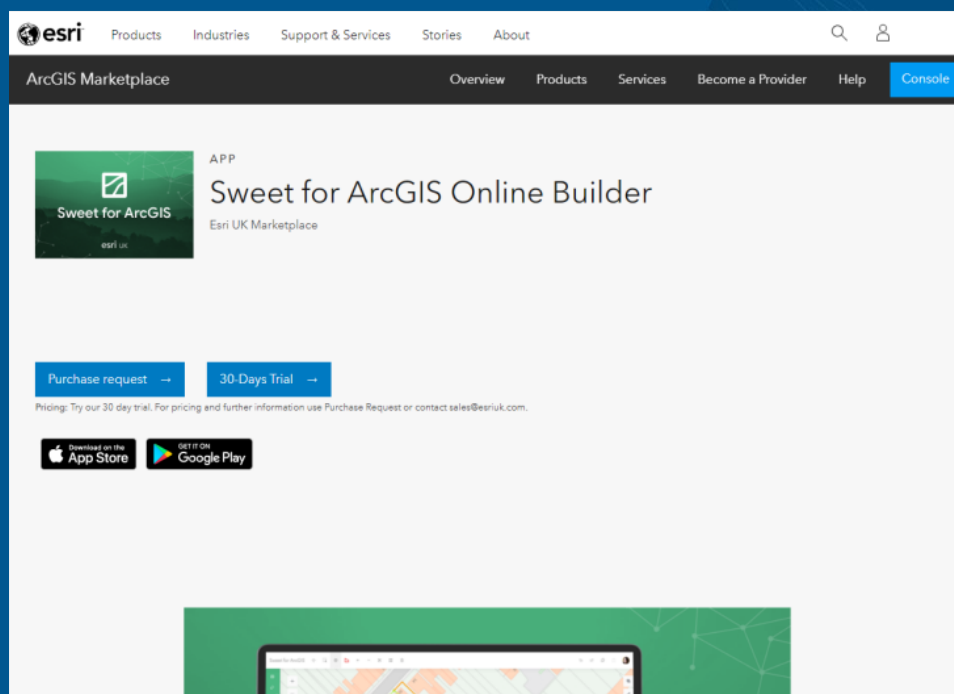
Demo

Catherine



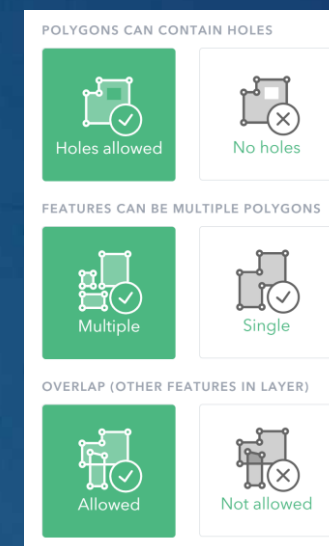
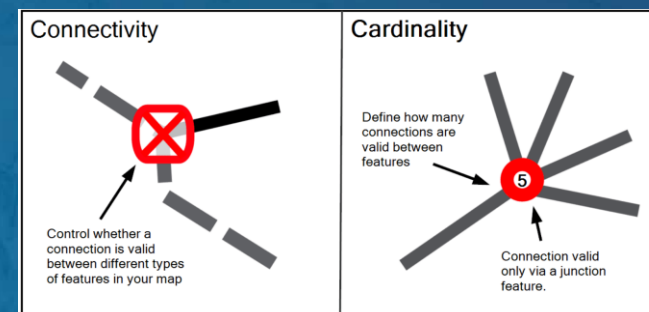
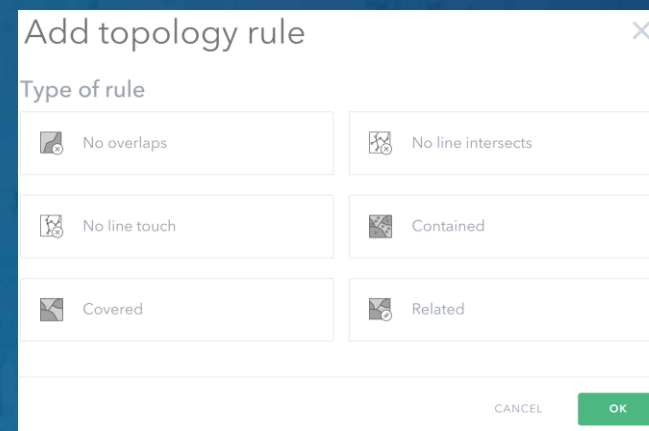
Wat is Sweet for ArcGIS?

De krachtigste configurabele web-editor



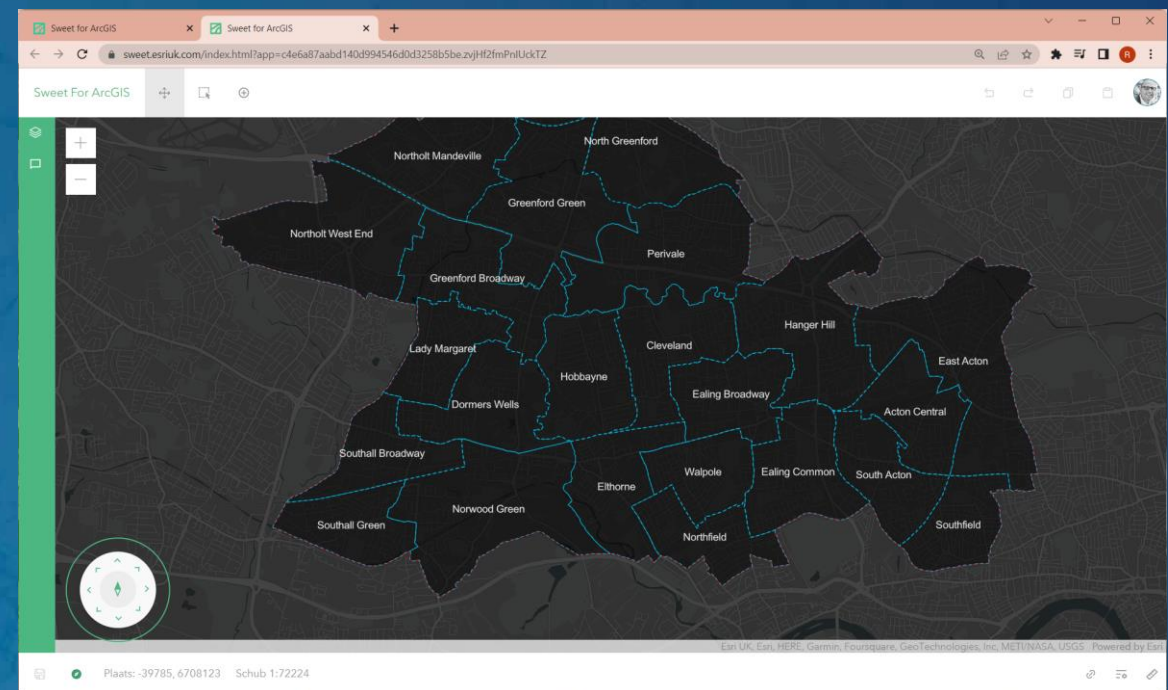
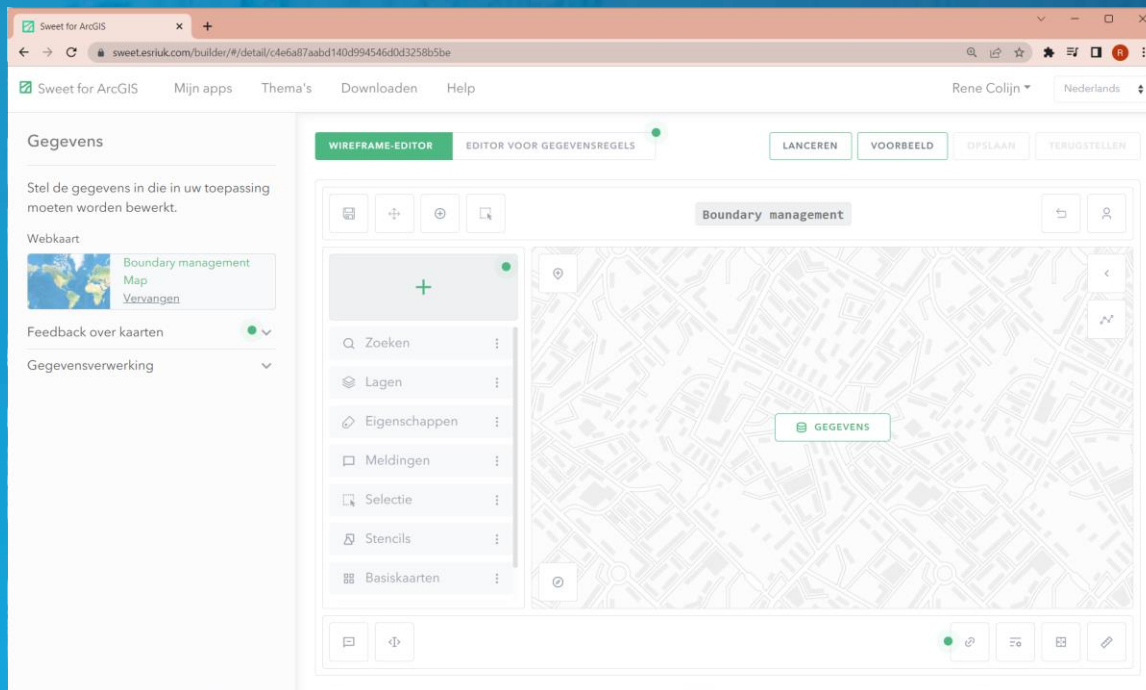
Wat is Sweet for ArcGIS?

- Een **gefocuste** WEB-applicatie-omgeving om, **slimme**, web **edit-applicaties** samen te stellen.
- Sweet for ArcGIS zorgt er voor dat de data:
 - Ingetekend kan worden met handige **geavanceerde constructie functies**, inclusief snapping, trace, etc.
 - Al bij het invoeren wordt gecontroleerd d.m.v.
 - **topologie regels**, (single or multi layer)
 - **attribuut regels**,
 - Display Rules
 - Field Calculations
 - Splitting and Merging
 - Validation
 - Advanced Attribute Rules
 - **connectivity regels**
- Kunnen werken met sjabloon-objecten de zgn. “**stencils**”



Wat is Sweet for ArcGIS?

- Twee rollen:
 1. De **ontwerper** van de eindapplicatie in “**Sweet for ArcGIS Builder**”
 2. De **gebruiker** van de samengestelde eindapplicatie



Architectuur

- Onderdeel van het ArcGIS-portaal
 - ArcGIS Enterprise of
 - ArcGIS Online
- 1. Veel Standaard configuratie-instellingen in de builder
 - Geometrie
 - Attributen
- 2. Verrijking en verfijning met **Arcade**

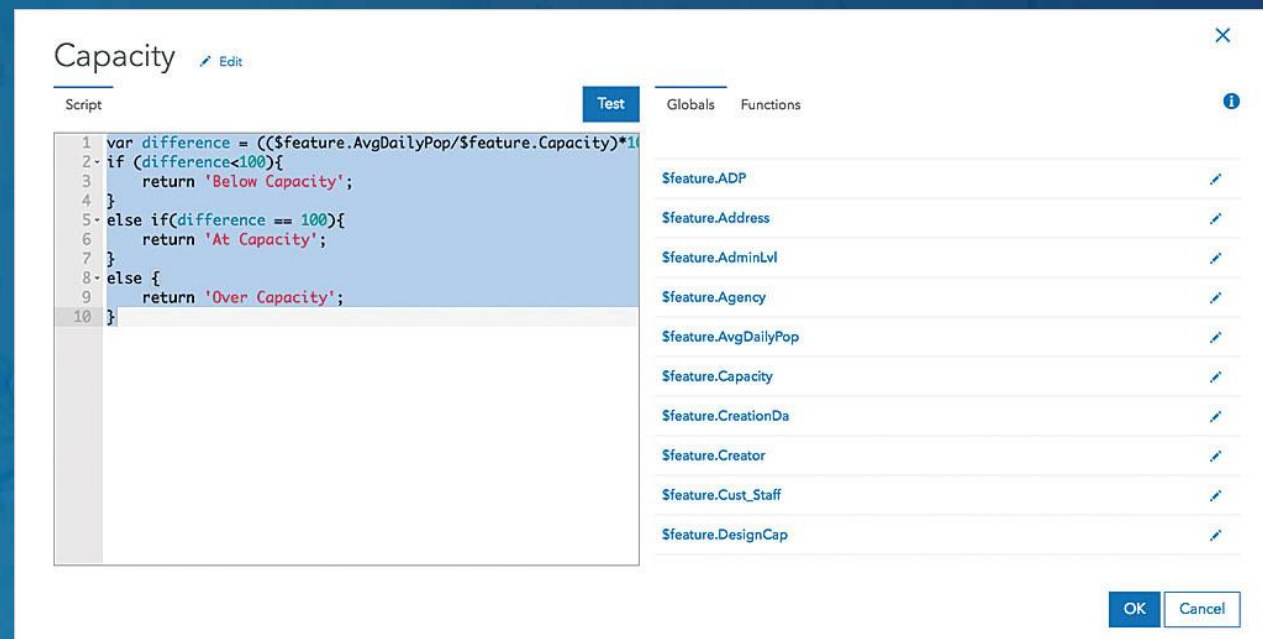
Services



```
1 var totalArea = 0;  
2 // loops through every feature in the layer  
3 for(var feature in $layer){  
4     totalArea += AreaGeodetic(feature, "square-kilometers");  
5 }
```

Wat is Arcade?

- Algemeen: Esri's scripting taal ArcGIS Arcade
 - *“It is a focused, intuitive, and JavaScript-like language for creating expressions that customize visualization and labeling.”*
- Uitgevonden door Esri UK – de ontwerpers van Sweet
- Geadopteerd door Esri in het hele platform
- **Sweet gaat verder dan visualisatie en labeling!**



The screenshot shows the ArcGIS Arcade script editor interface. The title bar reads "Capacity" with an "Edit" icon. Below the title bar, there are tabs for "Script", "Test", "Globals", and "Functions". The "Script" tab is active, displaying the following code:

```
1 var difference = (($feature.AvgDailyPop/$feature.Capacity)*100);
2 if (difference<100){
3   return 'Below Capacity';
4 }
5 else if(difference == 100){
6   return 'At Capacity';
7 }
8 else {
9   return 'Over Capacity';
10 }
```

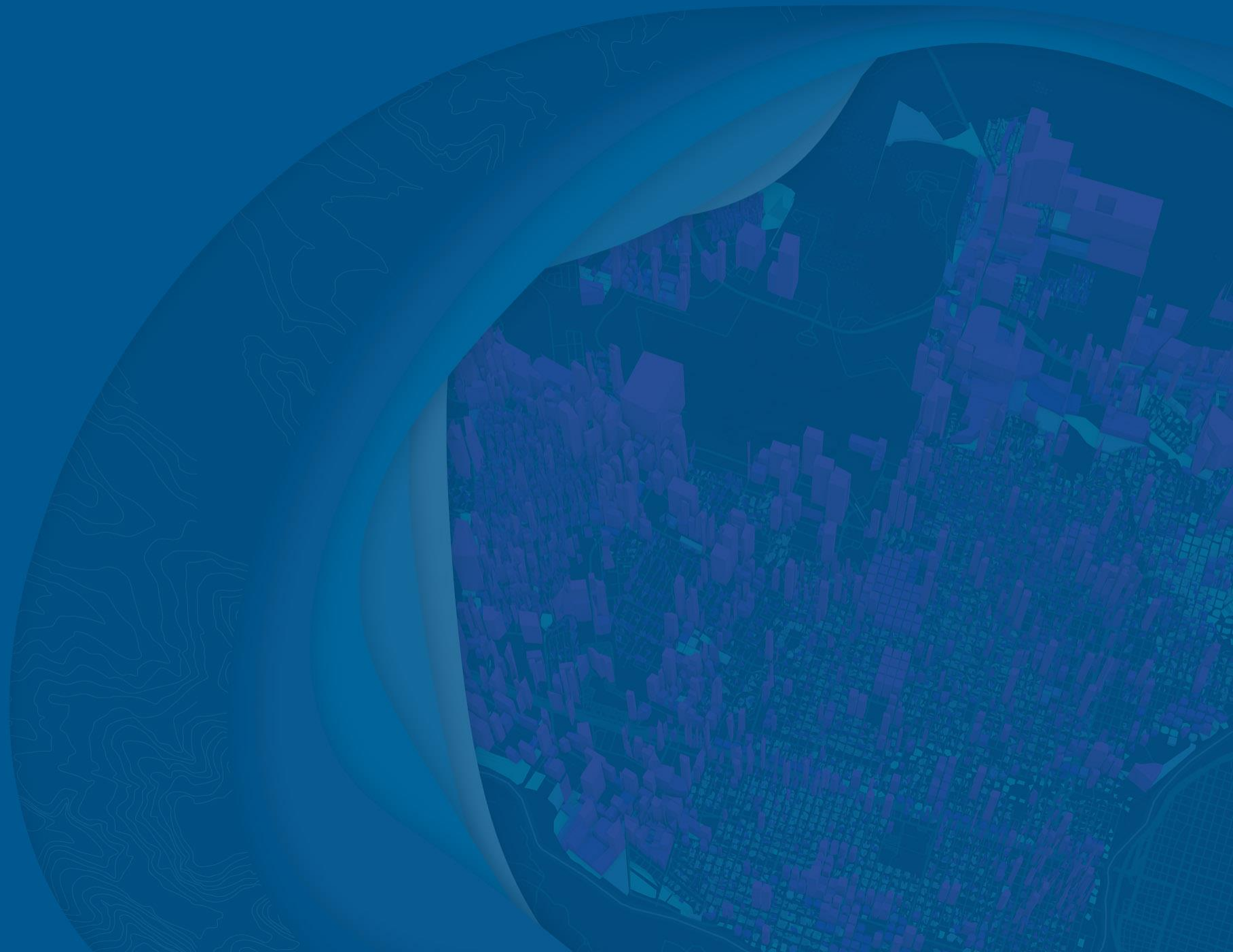
On the right side, there is a list of feature attributes with edit icons:

Sfeature.ADP	✎
Sfeature.Address	✎
Sfeature.AdminLvl	✎
Sfeature.Agency	✎
Sfeature.AvgDailyPop	✎
Sfeature.Capacity	✎
Sfeature.CreationDa	✎
Sfeature.Creator	✎
Sfeature.Cust_Staff	✎
Sfeature.DesignCap	✎

At the bottom right, there are "OK" and "Cancel" buttons.

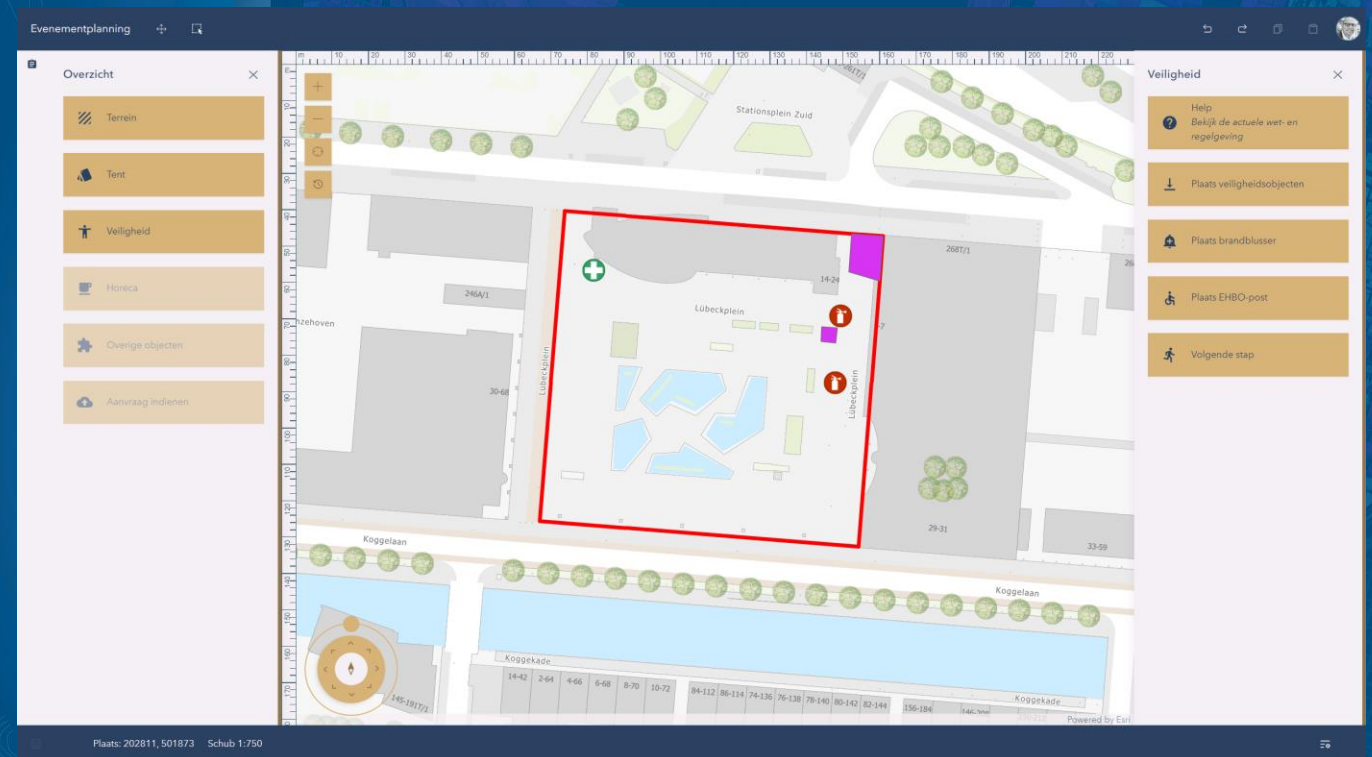
Demo

Catherine



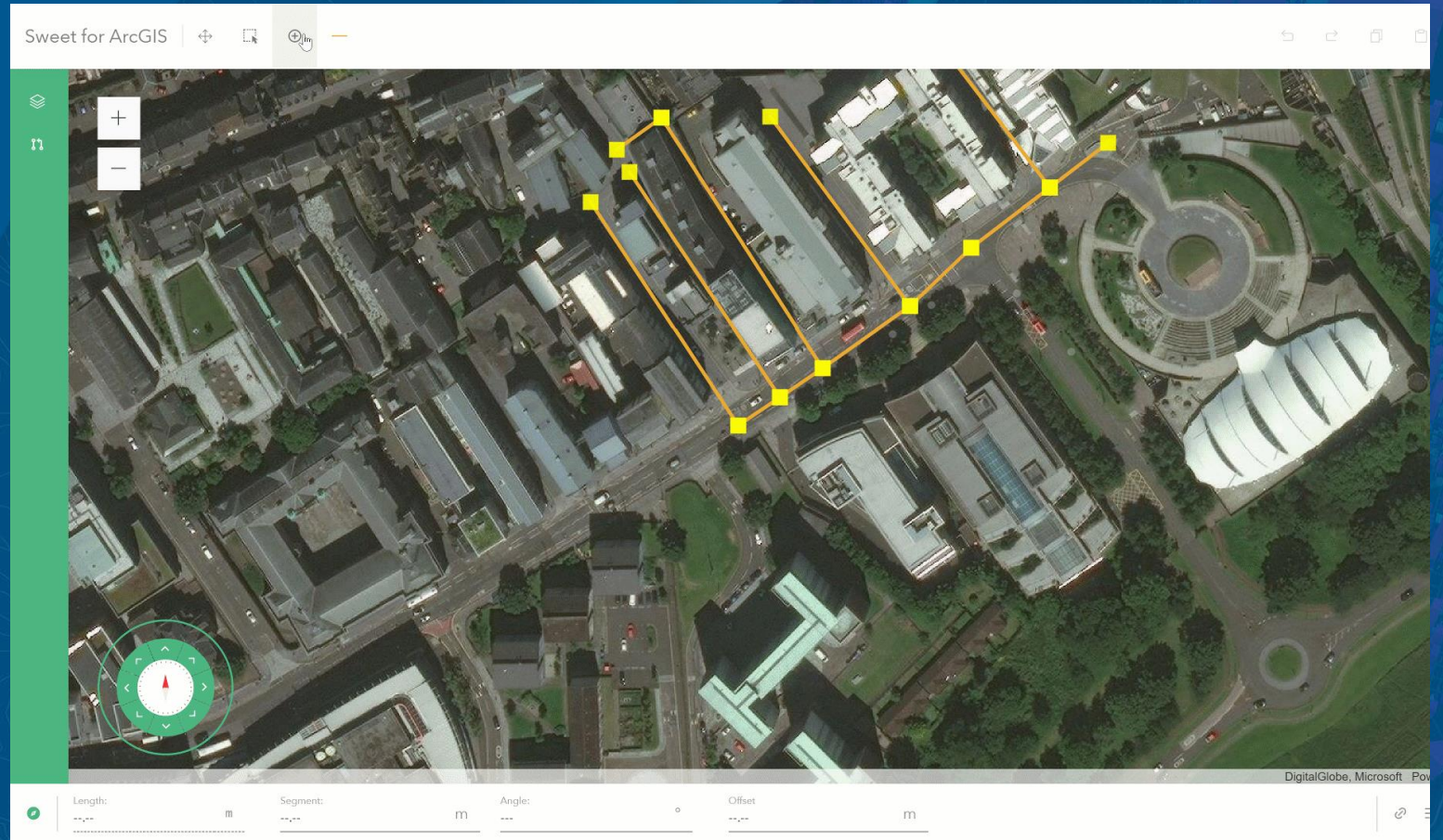
Innovatiesprint

Evenementen vergunning

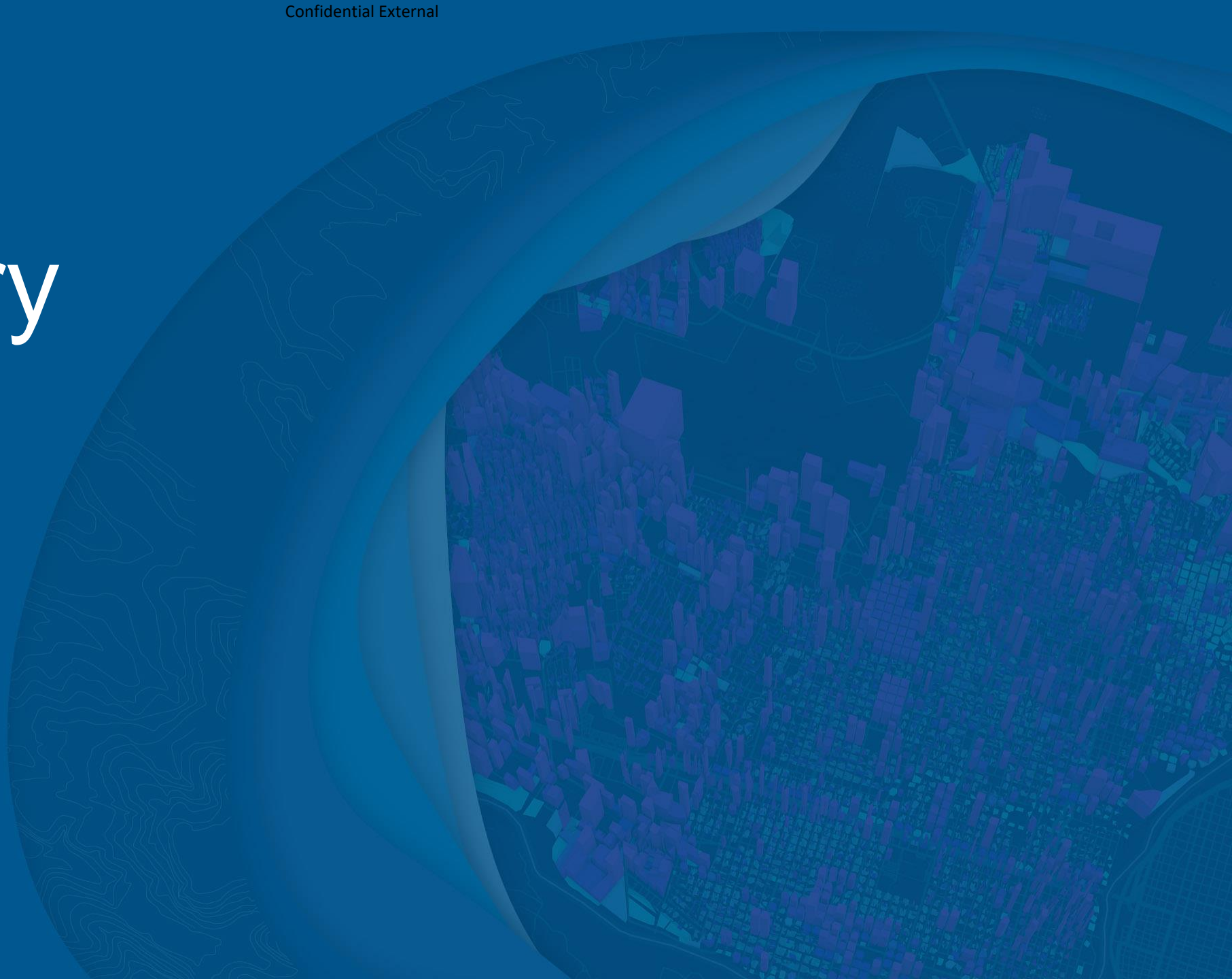


Demo

Catherine



Summary



Summary



Web Solution



Improve Data
Capture



Empower
Users

Sweet User Types



Sweet Builder user

- **Create** new and edit existing Sweet applications
- **Share** these with intended audience
- **Edit** data within Sweet apps created by themselves or other Sweet creators



Sweet Data Editor user

- **Access** Sweet applications that have been shared with them
- **Edit** data within Sweet applications that have been shared with them

Meer informatie?

Video's en Demo's

- [Sweet for ArcGIS - YouTube Playlist](#)
- [Product Page](#)
- [FAQs](#)
- [Blog](#)



Meer informatie?

Help Documentation

- [Getting Started](#)
- [Tour of Sweet for ArcGIS Builder](#)
- [Help Documentation Homepage](#)

Blogs

- [Getting started with Sweet blog](#)
- [All Sweet tips blogs](#)

Technical resources

- [Advanced Workflows](#)
- [ArcGIS Enterprise Deployment \(System Architecture\)](#)



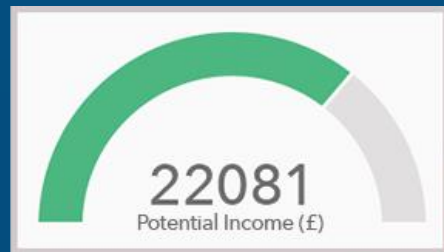
Contact



✉ rcolijn@esri.nl

- Sweet for ArcGIS zelf uitproberen?
 - Neem contact op en we helpen je op weg
- Esri Nederland Opleidingen:
 - **Sweet for ArcGIS - Introductietraining.**
 - Bekijk meer (virtuele) trainingen via esri.nl/opleidingen
- Blijf op de hoogte!
 - Schrijf u in voor de Esri GIS Nieuwsbrief of het Esri Magazine via esri.nl/mailings
 - Technische artikelen, tips, downloads via esri.nl/support

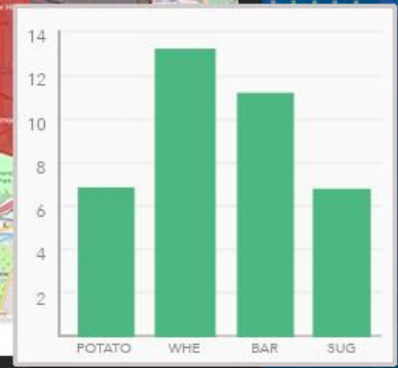
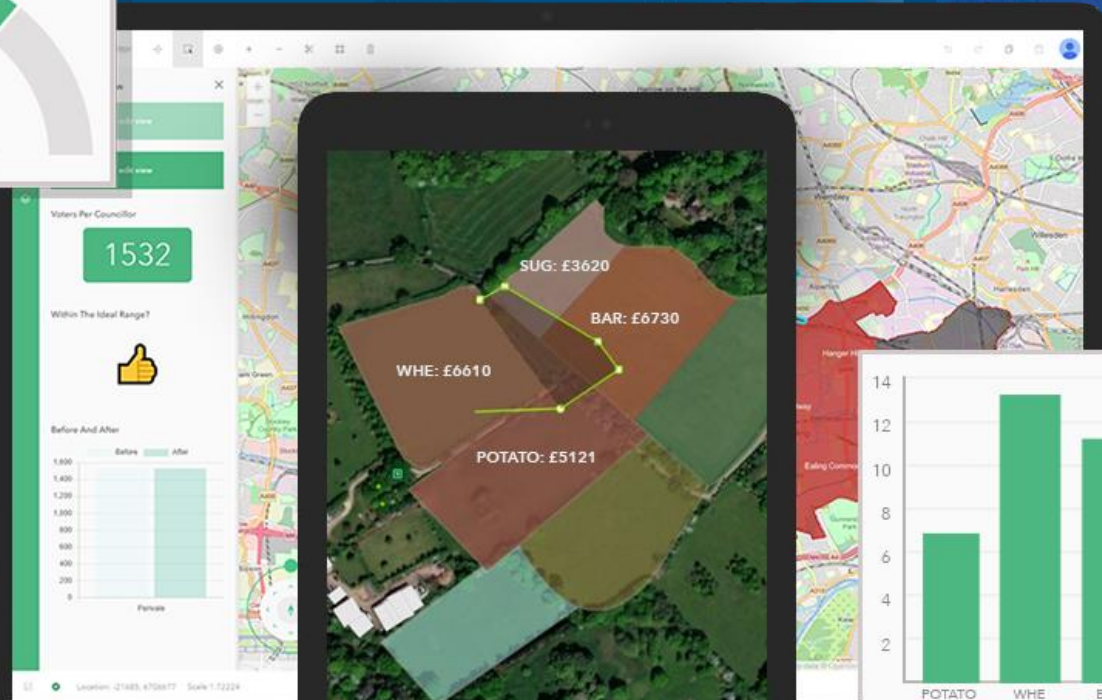
Dank voor uw aandacht!



B: 326m

C: 28.73m

A: 27.2m



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