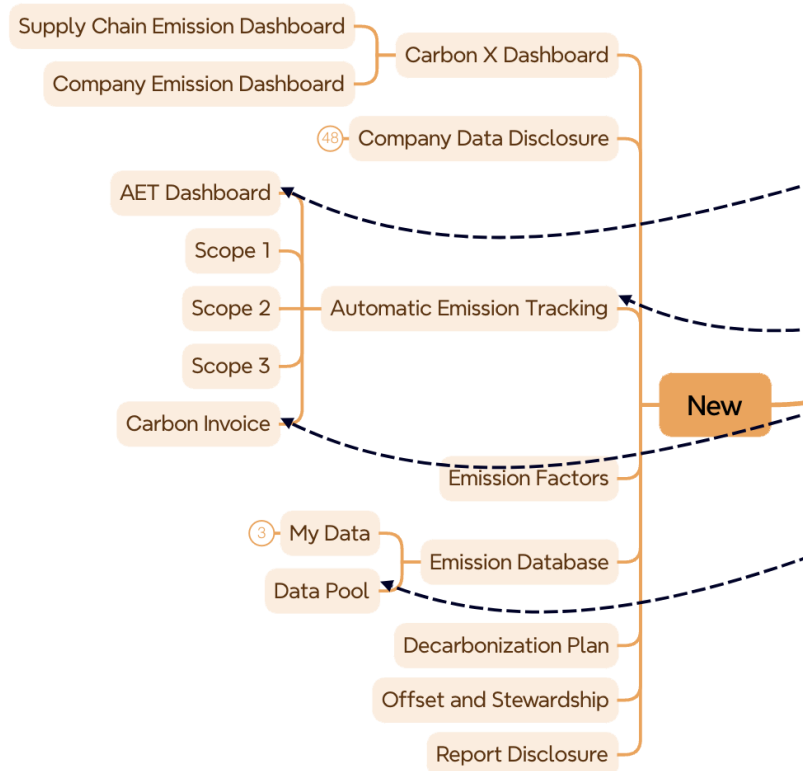## Non IoT Carbon Emission Reporting Epic

A. Form Preparation

    a. Pre epic Form Harus sudah selesai dulu

    b. Ditambahkan bahwa pada setiap input data pada form diberikan pembedaan untuk input data per tahun (opsi 1). Atau pada setiap data konsumsi asset harus ditentukan bahwa:

        i. Aktifitas ada mulai dan selesai

        ii. Asset ada saat beli dan saat jual (atau input bahwa masih dimiliki dan digunakan)

B. DB Table dan Data Preparation:

    a. Data Mock Up awal yang akan dimasukkan beserta dengan perhitungannya dapat diakses di: https://automaid-my.sharepoint.com/:x:/g/personal/alfons_automa_id/ERqDvWaH4XBOnIjefRe-kgwBknsW-EFISC4MwTGP2sg-Eg?e=1CYXG9

b. Semua Laporan dan DB didasarkan pada stuktur Laporan Emisi karbon berikut:

SCOPE 1 (Direct Emission, Asset Owned)	2.252	1%
1. Stationary Combustion Activity (Generator, Stove, etc)	203	
2. Mobile Combustion Activity (Car, Truck, Fleet, Plane, etc)	-	
3. Thermodynamic related Gas Inventory (Refrigerator, AC, etc)	2.048	
4. Fire Supression Inventory (APAR)	-	
SCOPE 2 (Indirect Emission, Core Enterprise Activity)	20.234	5%
1. Purchased Electricity (PLN)	19.702	
2. Purchased Gas	531	
3. Purchased Steam	-	
SCOPE 3 (Value Chain)	2.394.093	
1. Purchased Good and Services	368.634	91%
2. Emission from Capital Goods	2.007.292	
3. Emission from Fuel and Energy	-	
4. Upstream Transport and Distribution (Inbound Logistic)	3.309	1%
5. Waste generated in Operation	-	
6. Business Commuting	1.404	
7. Employee Commuting	1.018	
8. Upstream Leased Asset	-	
9. Downstream Transport and Distribution (Outbound Logistic)	12.436	3%
10. Processing of Sold Product	-	
11. Use of Sold Product	-	
12. End of Life	-	
13. Downstream Leased Asset	-	
14. Franchises	-	
15. Investment	-	
SCOPE 4 (Offset and Carbon Avoidance)		
1. Carbon Reduction Activity (Energy Efficiency, Renewables, Planting, etc)	-	
Total Product Shiped (Units)	30.960	
Scope Calculated on Rated Product Carbon Emission (Kg CO2)	406.865	
Rated Product Carbon Emission (Kg CO2/Unit)	**13,14**	
all in Annual		

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C. Dashboard Design

1. Supply Chain Emission Dashboard
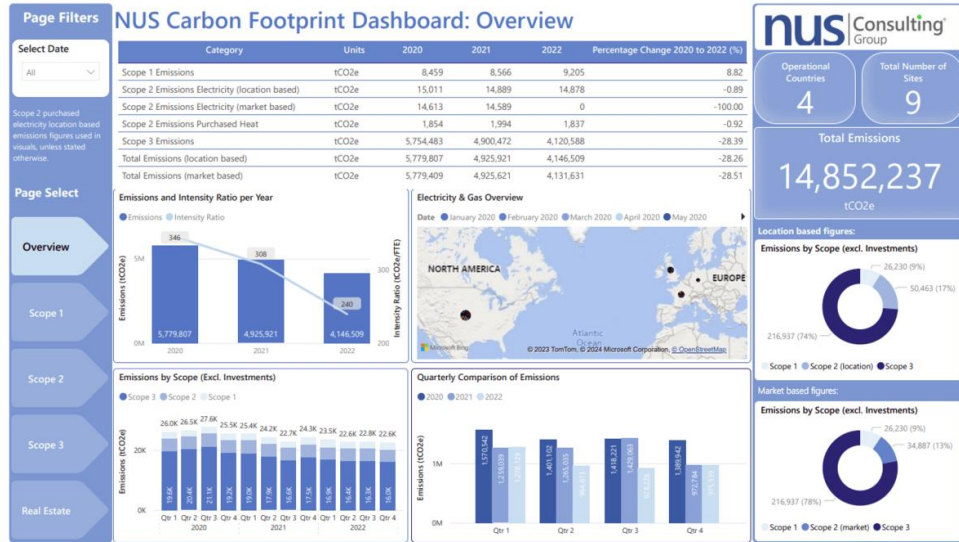with reference:

BE: isi dengan data mock up dulu sesuai gambar ini
FE: **Petanya harus ada dan bagus**, Grafik yang lain buat sama persis
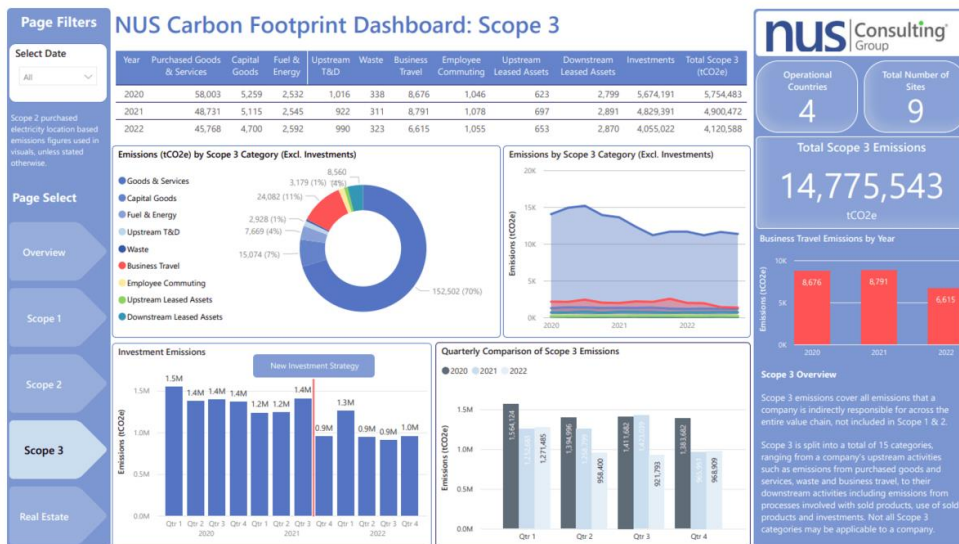*Kita hanya perlu tampilkan bahwa halamannya ada, data akan dalam bentuk Mock Up*

2. Company Emission Dashboard
With reference:

3. Per Scope Company Emission Dashboard

With reference:

4. Technical QA Condition

1. Access Permissions: Appropriate permissions are granted to access the Devapps web and the dashboard. The score is based on the Devapps website. Once the CEO validates it, it can be uploaded to the production website. The role below needs to have access to the page.
   a. Superadmin
   b. Admin
   c. Manager

d. Security
2. Dashboard Access: Open the dev apps, login to the web, and choose flows as mindmap.
3. Responsive design to cater the customer needs. At least we need to cover HD (720p), FHD (1080p), UHD (1440p), Tablet size (600p), and also Phone if needed (phone can be displayed as please use bigger f screen).
4. User Interaction:
    -   Test user interactions like clicks, drags, and hovers to ensure they perform the intended actions.
    -   Check tooltips, dropdowns, and interactive elements for proper functioning.
5. Loading Time: Measure how long the dashboard takes to load and ensure it meets performance benchmarks. >> Load all within 10 Seconds – BE Team to ensure this process can be done
6. A websocket-based API might needs to be prepared from the BE side. Minimize the need to refresh the page to reload it or avoid the blinking page.
7. Stress Test: Simulate multiple users accessing the dashboard simultaneously to check how the system handles high traffic. >> Accessed by >10 Users

5. Administration Condition

1. Team Epic Charter exists, signed by CPO and CHRO, and publicly at least June 21st 2024
2. Personal Epic Charter is signed by Epic Personnel and CHRO at least 1 day before submission
3. The final Epic Meeting record led by the Epic Leader is mandatory before the Epic QA Meeting.
4. Wallet for 3PL Should also be finished and uploaded to Master by the time the Epic QA Meeting starts.

6. Submission:
1. Final Epic Meeting July 22nd 2024
2. Epic QA July 23rd 2024 before 23.00

7. Advised Flow
1. Simple UI Design can utilize UI designer but will be handled by internal as an in charge engineer, get CEO input as granular as possible.
2. Use first week to design UI and DB by first get to know about excel reference by heart
3. Do anything on next two week with CPO intense lead.
4. Get CEO to have a precheck meeting on the last week.