

Plasmapheresis: Remote/Mobile Plasma Collection

IÑIGO SALAVERRI - BLOOD AND PLASMA RECRUITMENT MANAGER





DEMOGRAPHY 2025:

2.218.210 People

**Plasma needs to achieve
self-sufficiency**

44.652 litres

(IG)

Current situation (2025)

(to satisfy IG needs)



Whole Blood Plasma

17.201 litres



Plasmapheresis

5.977 litres

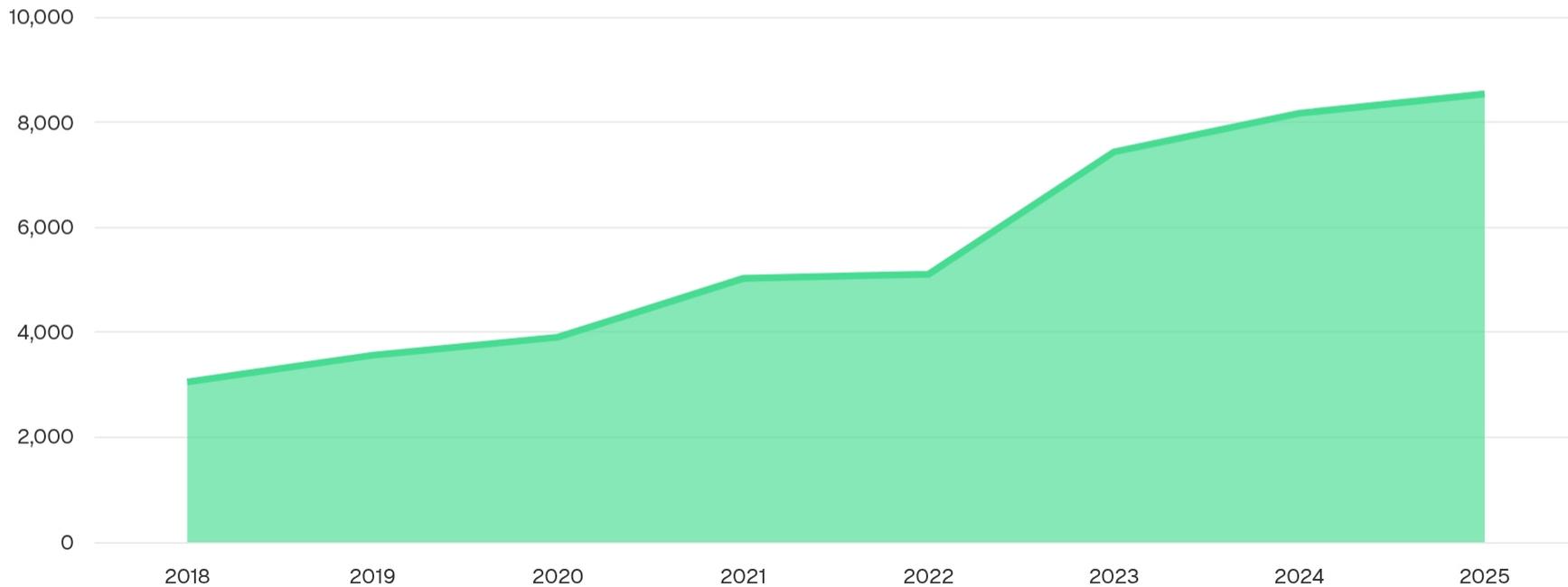


Goal?

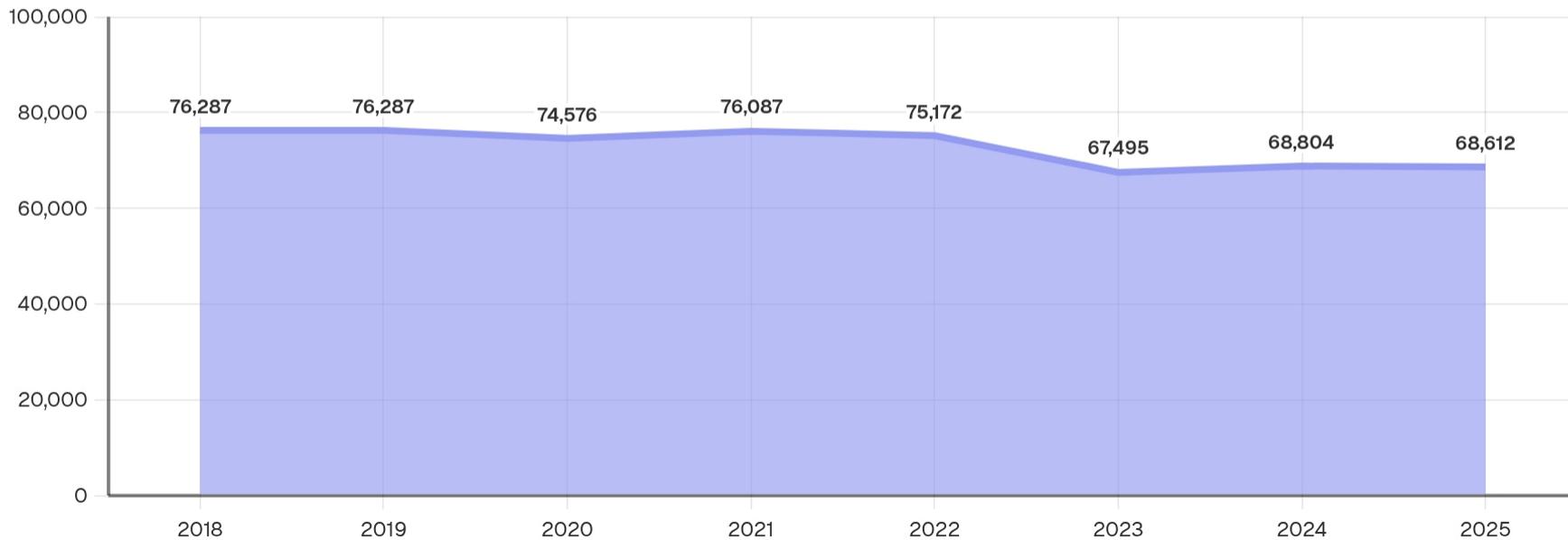
Self-sufficiency = 21.400
additional litres

70% acceptable = 8.000 more
litres

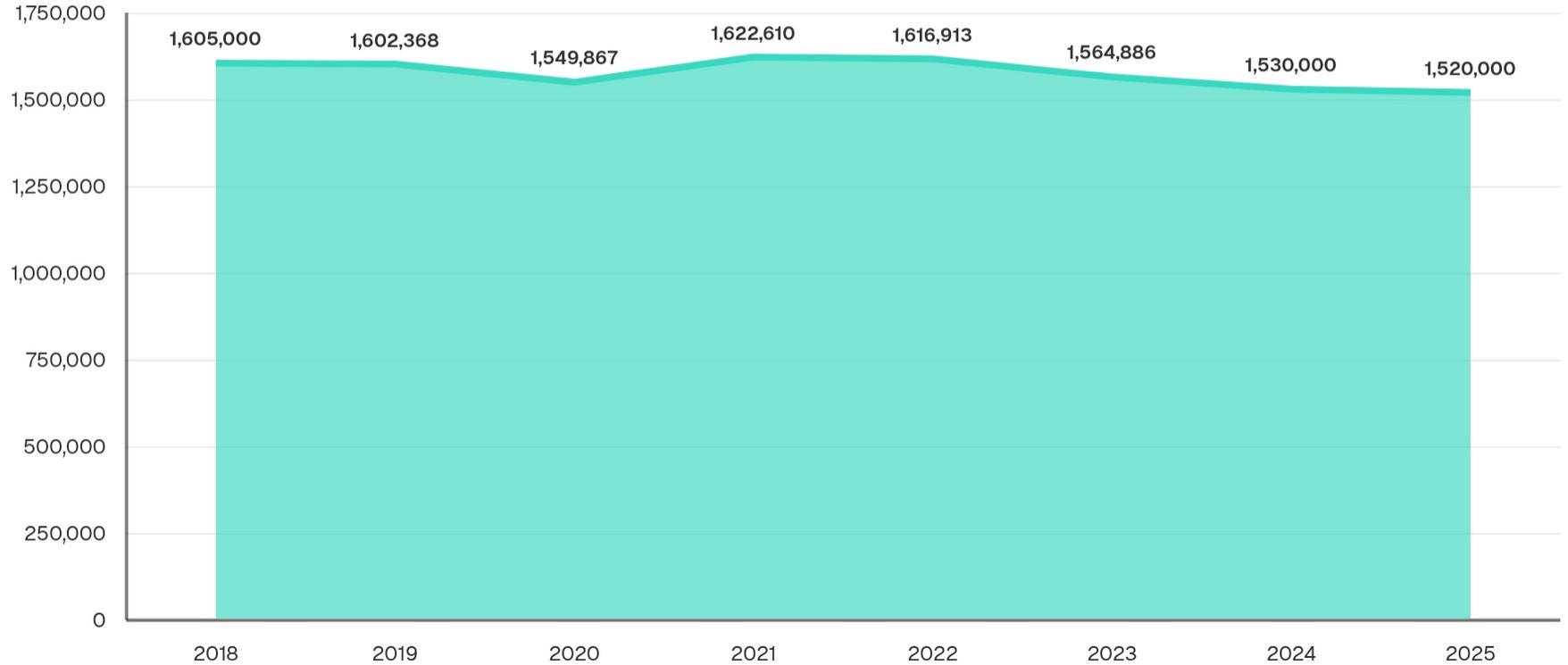
Plasmapheresis Evolution in the Basque Country (2018-2025)



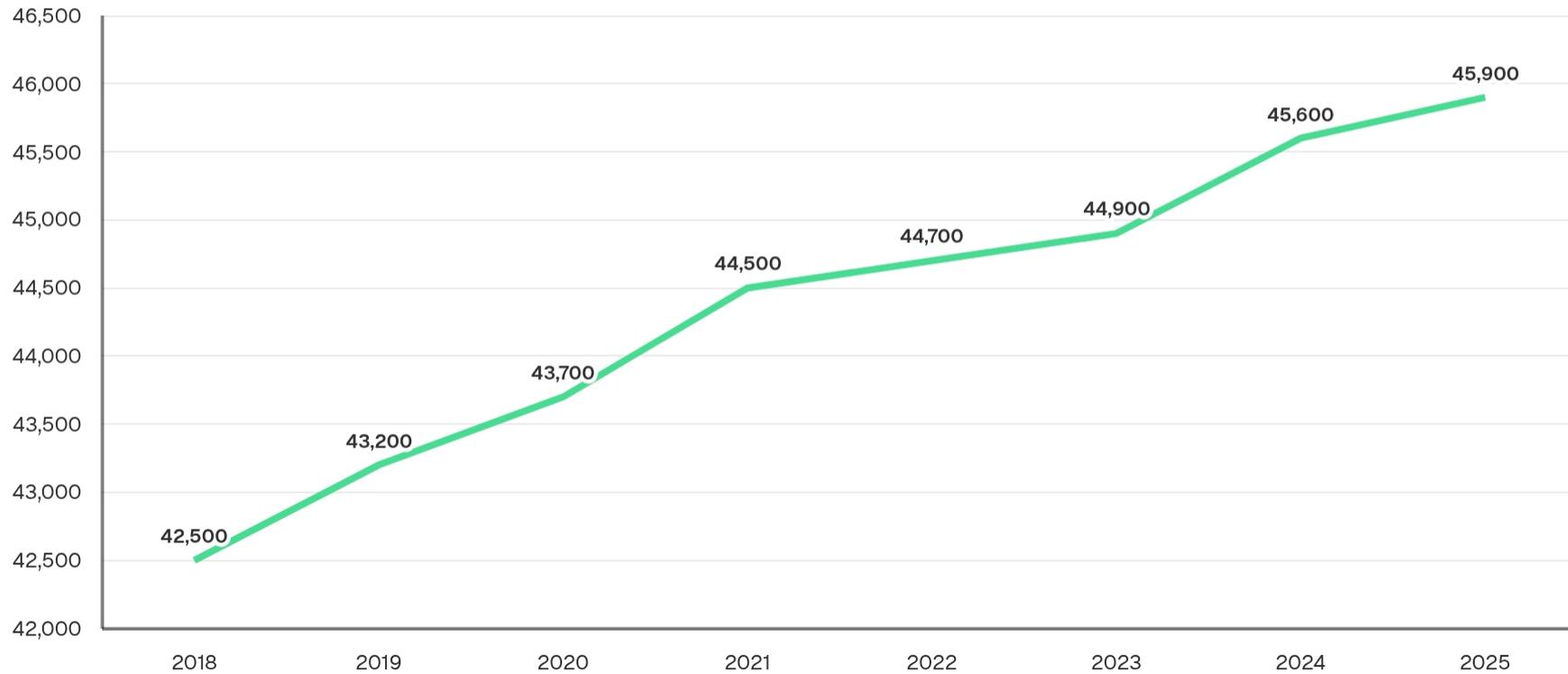
Whole Blood Evolution in the Basque Country (2018-2025)



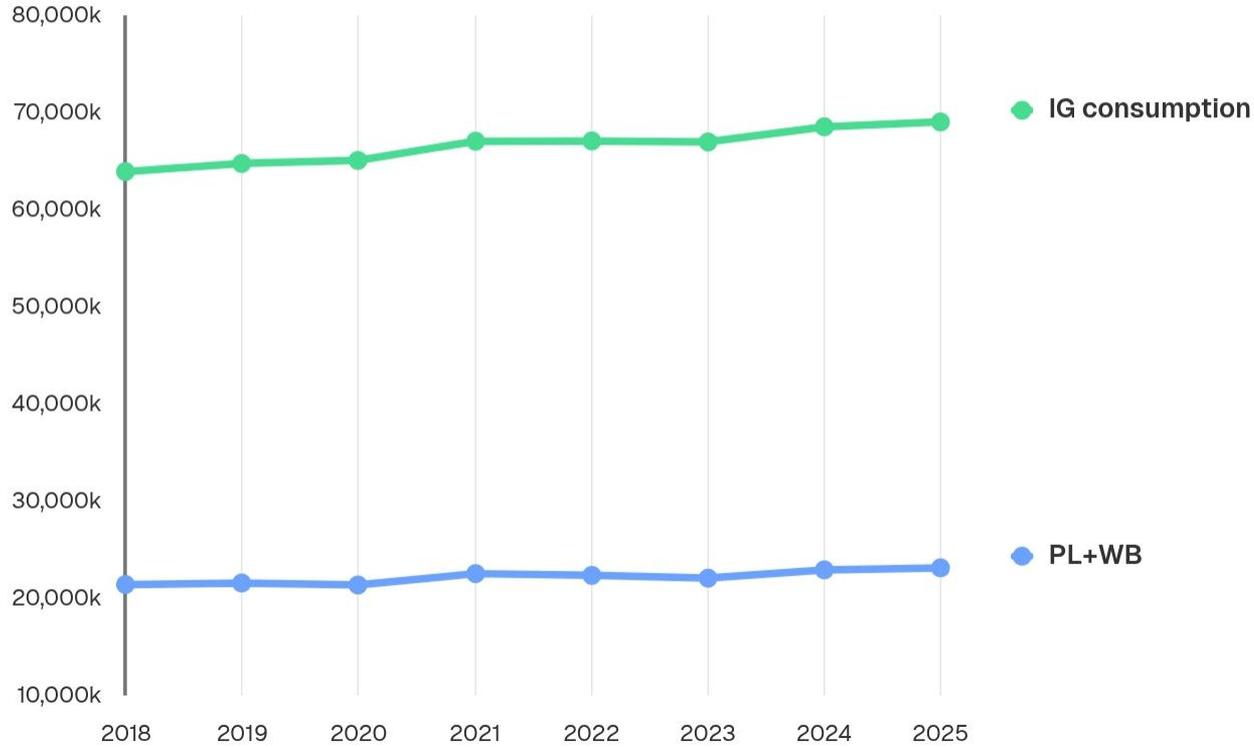
Whole Blood Evolution in Spain (2018-2025)



IG consumption



53% Self-sufficiency





Chronology

2020

Panic

COVID-19 lockdowns

2020-2021

Ensure the supply of red blood cells and platelets

2022

Creation of the first **PLASMA CENTER** in Spain (Bilbao)

Financing - Spanish Government / Osakidetza

Sept -2024

Plasma Fractionation

-Public State Tender (for Spains 20 Blood Transfusion Centers)

2020

Panic

US Border shutdown

2021

US Plasma donations dropped -20%

May - 2024

New SoHO Regulations

Dec - 2025

Creation of a **professional Establishment for the Promotion of SoHO**



WHAT'S BEEN DONE?

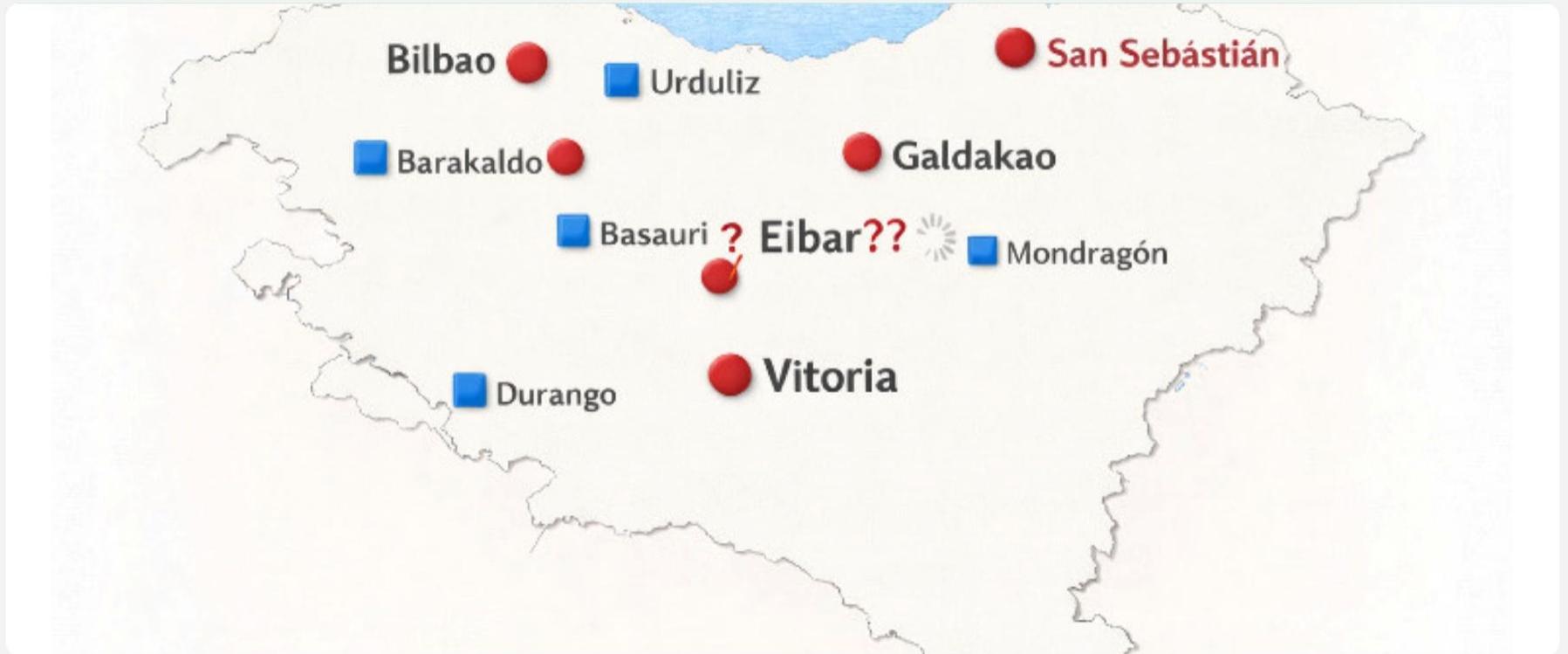
2020

Plasma Donating points



2025

Plasma Donating points



Key Technological Advancements

APP Development

Including:

- Donor Information
- Self-appointment

Data Management Systems Analysis:

ERP Creation:

- E-delphyn

Social Media

Social Networks:

- FB
- IG
- X
- TikTok

HANDICAP

NO MEDICAL DOCTORS AVAILABLE



Gerard S. Doyle, MD

When There Is No Doctor

Preventive and Emergency Home Healthcare in Challenging Times



SCREENING AND PRE-DONATION INTERVIEW

PERFORMED BY - NURSING



Key measures implemented

1 Increase of Plasma Donating points (Geographic accesibility)

2 Create an APP, ERP, Social Network...

3 EU SoHO Regulation

4 Plasma Fractionation State Tender (Spain)

5 Creation of SoHO Promotion Establishment

Remote/Mobile Plasma Collection



PLASMA COLLECTION



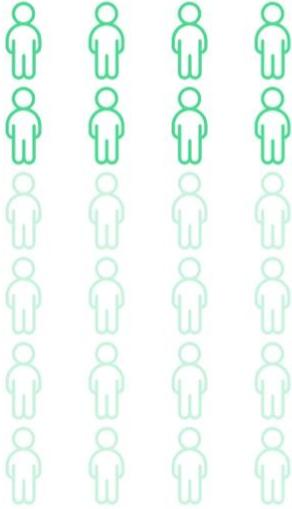


Plasmapheresis Models:

- Mixed Collections (WB+PL)
- Plasmapheresis Collections (PL)

4 Different models

30%



Mixed Whole Blood
+ PLasma : 3
persons

60%



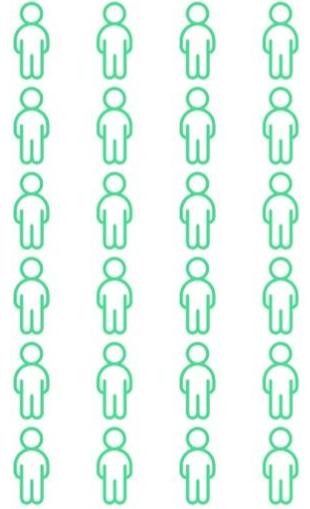
Mobile Plasma
Collection (far from
the base): 6 persons

75%



Mobile Plasma
Collection (near the
base): 8 persons

100%



Fixed Plasma
Collections
Location: 10
persons

How Mobile Plasma Collections are built?

SANITARY PLACE is required:

- Either Hospitals or Health Centers

Sanitary Material:

- PLasmapheresis device (Aurora)
- Ambulance

HUMAN RESOURCES:

- 1 Driver
- 2 Nurses

NEAR FUTURE?



Plasma bus



Plasma Bus (Inside)

In conclusion, **remote and mobile plasmapheresis** has revolutionized the accessibility and availability of plasma

- inigo.salaverriesturo@donantesdesangre.eus
- +34628063305

