



BRANDBOOK



OUR BRAND BOOK

THIS BOOK DESCRIBES THE VISUAL AND VERBAL GUIDELINES THAT REPRESENT CAF'S IDENTITY.

It is essential to establish distinctive features when activating the brand. Designing each application separately, according to changing and occasional premises, can blur the overall brand image and, therefore, the brand's consistency and coherence are lost.

This is a reference book for all those who form part of CAF in one way or another. Its aim is to help understand and convey what CAF means and that this be conveyed in the same way in all the visual and verbal media in which it comes to life.

/ IMPLEMENTATION OF THE RULES DESCRIBED IN THIS GUIDE

The implementation of these guidelines will be gradual. Priority is given to communications aimed at external target groups, especially communication and advertising media.

It is also advisable to apply them gradually to internal documents, for which the deadline may be longer.

Should any cases arise that are not covered by this book, they must be consulted with CAF's Marketing area, by sending a copy or a suggestion to the following email address:

brand@caf.net

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- · Descriptive section intro and outro
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- · Video call background

1 OUR DNA

OUR MISSION
OUR VISION
OUR VALUES
BRAND PURPOSE



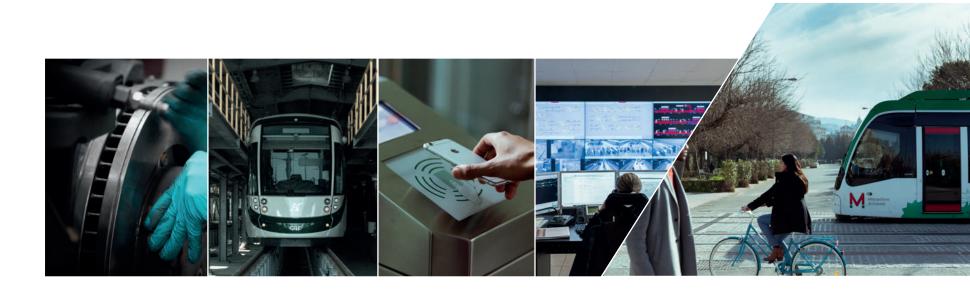
THIS IS OUR BRAND'S RAISON D'ÊTRE.
WHAT WE BELIEVE IN, AND WHAT DRIVES US.



MISSION AND VISION

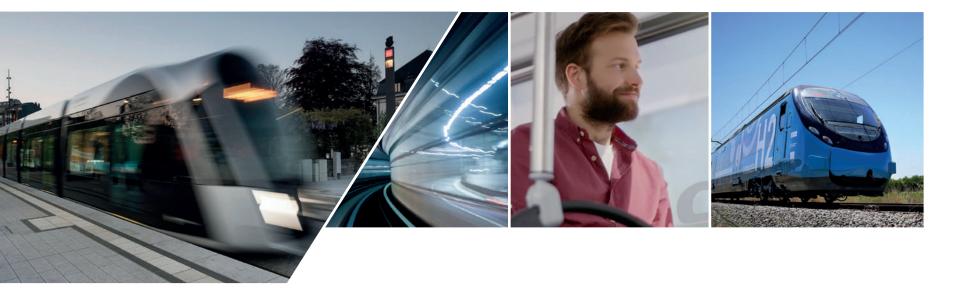
MISSION

We are a world benchmark when it comes to key transport solutions in transit to a more sustainable planet, and offer, with our dedicated team, innovative rail and bus mobility options.



VISION

To be a leading player of sustainable mobility, committed to a culture of excellence and reliability, whilst ensuring ultimate customer satisfaction and contributing to the progress of society.





VALUES AND PURPOSE

1 EXCELLENCE

We are committed to **work well done**, to ongoing **innovation** and to the achievement of **results**.

2

TRUST

We work with **honesty, integrity and as a team**, in order to provide the best response to our **stakeholders**.

3

SUSTAINABILITY

We take **long-term** responsibility with **human health** and **environment** regard.



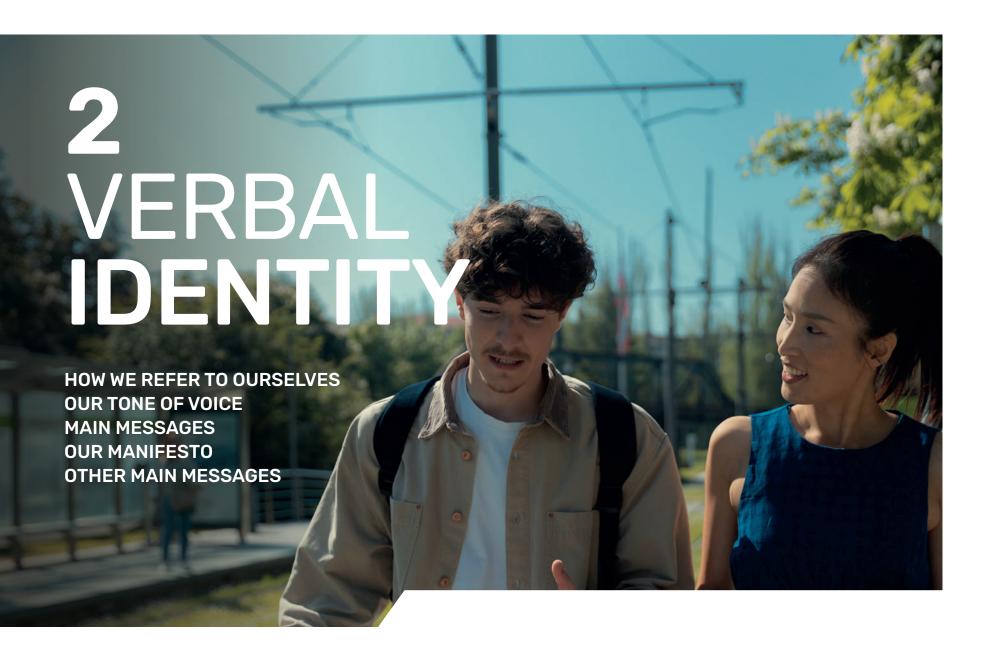




A statement of intent that allows us to give the brand a more human dimension.

WE DEVELOP SUSTAINABLE TRANSPORT SOLUTIONS TO IMPROVE PEOPLE'S QUALITY OF LIFE.





It is important to establish how we will refer to ourselves, and to do so in the same way in all communication media. CAF's origins date back to 1892 in Beasain. Industrial workshops were set up there for repairing and assembling wagons. It was in 1917 when the "Compañía Auxiliar de Ferrocarriles, S.A.", i.e. CAF, was officially founded. Later it was renamed "Construcciones y Auxiliar de Ferrocarriles" and the same name was included under the brand name. The CAF logo, which has survived almost intact until today, is based on the lines, angles and layouts used by the draughtsmen in their original train and wagon drawings.

As is the case with many other acronym-based brands, its historical name has become meaningless since CAF is nowadays much more than a company dedicated to the construction of railway vehicles. Gradually, it is advisable to progressively relegate this tagline to the legal/administrative sphere and refer to CAF as: "CAF Global Sustainable Mobility Experts", when we refer to the company, for example in internet search engines, on social networks or in any media.

The group will be referred to as "CAF", leaving the name "CAF Group" for legal or administrative purposes only. The word "CAF" will always be written completely in capital letters.





TONE OF VOICE

The importance of our brand's verbal communication resides not only in the content of our messages, but also in their appearance. The style of expression reinforces our personality traits and differentiates us from others, making us more recognisable.

Therefore, establishing and adhering to CAF's communication tone will make a significant contribution to creating the desired brand positioning.

PERSONAL AND COLLABORATIVE (PARTNER)

We are partners. We have a personal and accessible relationship with our customers. We make every effort to be available for them. In fact, it is one of our distinctive attributes.

Description: We explain things. We take nothing for granted. We always put ourselves in our customers' shoes.

Resources:

- 1. We use language that is familiar, simple and instructive.
- 2. We speak on equal terms. We refer to "us" repeatedly.
- 3. We use descriptions

EXPERT AND HONEST TONE (TRUST)

We are experts in what we do. We talk about what we know, and we know what we're talking about. We are sincere and focus on our expertise. We are assertive, direct, specific.

Description:

We speak frankly and showcase all our experience and know-how.

However: We will not exaggerate, nor are we grandiloquent or unapproachable.

Resources:

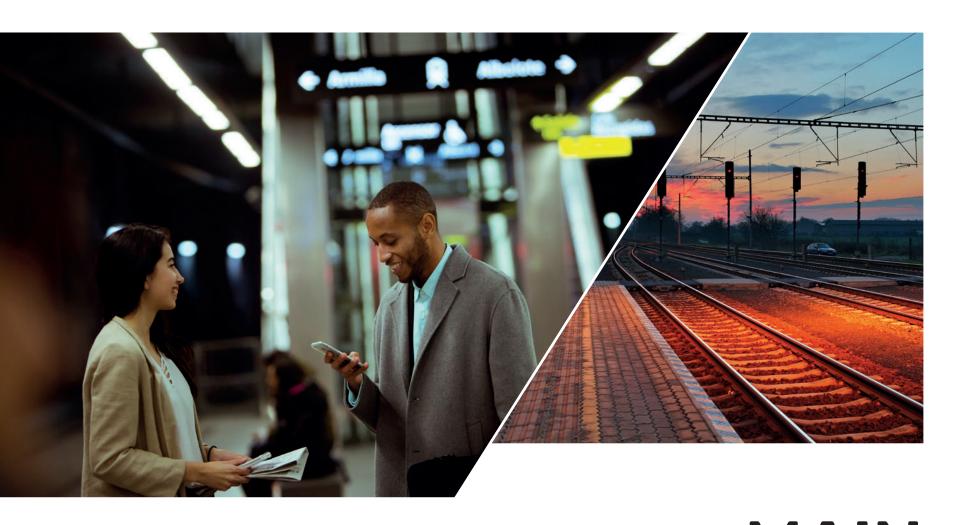
- 1. We set forth results. We use data, we quantify.
- 2. We use examples and demonstrable real cases.

PROACTIVE TONE (IN MOTION)

We show that we're restless, we're always anticipating and creating what will come next. We're always aware of future mobility needs. We take the reins and take action to make things happen. We work meticulously and tenaciously. We are engineers and designers, as well as being dynamic, active and attentive to detail.

Resources:

- 1. We use a direct, clear and assertive tone.
- 2. We use questions and data with the aim of making our target group think.
- 3. We use short statements with an action and a consequence (smart mobility for a green future).



MAIN MESSAGES

TRUST IN MOTION

WHEN YOU TRAVEL IN GOOD COMPANY, THE JOURNEY IS ALWAYS BETTER.

TRUST is demonstrated by customers' confidence in CAF as a reliable partner to respond to their urban and interurban mobility challenges. Our firm commitment to continuous innovation keeps us IN MOTION, constantly improving and moving forward, contributing to our planet's sustainability and quality of life for all.



TRUST IN MOTION

This is our main claim and the summary of our value proposal. It describes why we are important to our target groups.

We will use it prominently and visibly in catalogues, presentations, trade fair posters and other advertising media.

We will always write it in English, regardless of the language used in that particular piece of communication.

TRAINS
TRAINS
BUSES
SIGNALLING
COMPONENTS
SERVICES
TO Future Mobility

This is a message that is clearly present in CAF's verbal identity. It demonstrates not only our ability to adapt to the needs and requirements of our customers, but also a message that refers to the wide variety of solutions we provide.

We will always write it in English, regardless of the language used in that particular piece of communication. This piece will normally be placed at the bottom left and will not distract from the claim.

The above two concepts will also prevail in the other brand messages, such as the cover statements on the main solutions offered by CAF:

RAIL SERVICES - YOUR WAY TO AVAILABILITY
TRANSPORT SYSTEMS - WE MAKE YOU WAY EASIER
MODERNIZATIONS - RENEWED COMFORT IN MOTION
SIGNALLING - GO ON THE RIGHT WAY
OARIS - TRUST AT 350KM/H
CIVITY - ADAPTABILITY IN MOTION
URBOS - SUSTAINABILITY IN MOTION
INNEO - FOR CITIES IN MOTION
BITRAC - HIGH PERFORMANCE IN MOTION



LOGO
TYPOGRAPHY
CHROMATICITY
PHOTOGRAPHIC STYLE
BRAND MESSAGE
LAYOUT
BASIC APPLICATIONS
ICONS

CHART STYLE
TABLE STYLE
RESOURCES CHARTS
SOCIAL NETWORKS
THE LOGO ON UNIFORMS AND PPE
DESCRIPTIVE SECTIONS AND TEXTS
VIDEO CALL BACKGROUND



LOGO

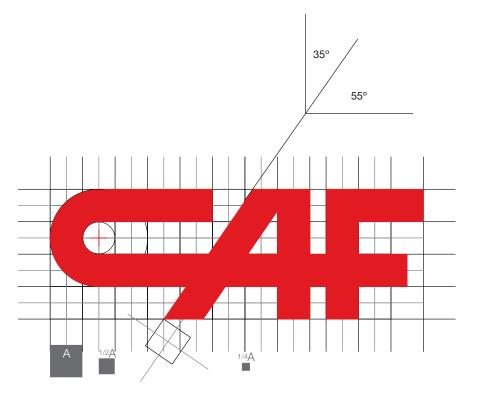
CONSTRUCTION

PROPORTIONS

The proportions of the CAF brand will always remain unchanged. The diagram shows the unchanged thickness of the outline of the entire brand,

as well as the correct angle of the "A".

The "C" is based on two concentric circles.



PERIMETER

This refers to the visual perimeter around the brand that will not be occupied by any other brand or graphic element, except for the internal sub-brand applications authorised in this book.

The equivalent will be the height of the letter C of the brand, applied around its entire perimeter as shown in the diagram.



FIXED SIZES

UNCHANGED SIZES FOR STANDARD SUPPORTS

In addition to always keeping to the same proportion, fixed sizes are established for the logo in its most typical applications only. The aim is to achieve greater continuity and homogeneity, avoiding minor variations.

To this end, 3 fixed sizes are established:



Fixed size for business card.



Fixed size for the rest of stationery up to DinA4. (American envelopes, DinA5, etc.)



Fixed size for larger applications such as envelopes, bags or folders.

REDUCIBILITY MAXIM OF THE LOGO

The visibility and legibility of our logo is extremely important. This is the minimum size to which the logo can be reduced.



Reduced limit for textile stitching. 30x10 mm.



Reduced limit for screen printing, pad printing and rotogravure. 21x7 mm.



Reduced limit for offset printing. 15x5 mm.

There are occasions when the medium on which our brand must appear is smaller and does not allow the minimum size standard to be applied (e.g. the marking of a merchandising pen). On these occasions it will be necessary:

- 1- To always use flat inks
- 2- To conduct printing and legibility tests
- 3- To replace the logo with a text (e.g. the website or the claim) if the result is unclear.

THE PRIORITY APPLICATION WILL BE IN RED.

The brand will be applied whenever possible in corporate red, against a white background.

When the background is not white, but is a neutral colour, (low colour saturation), the logo will remain in red as long as the intensity of the background does not exceed 50%, i.e. light backgrounds. When the background is dark (more than 50% colour intensity) the logo will change to its negative version in white.

If the background colour is not neutral (blues, greens, yellows, etc.) we will absolutely avoid placing the logo on that base. If there is no other choice, we will use the negative version of the logo in white.

The application in black should only be used for documents printed in black and white, fax or similar, where printing technology constraints so require.





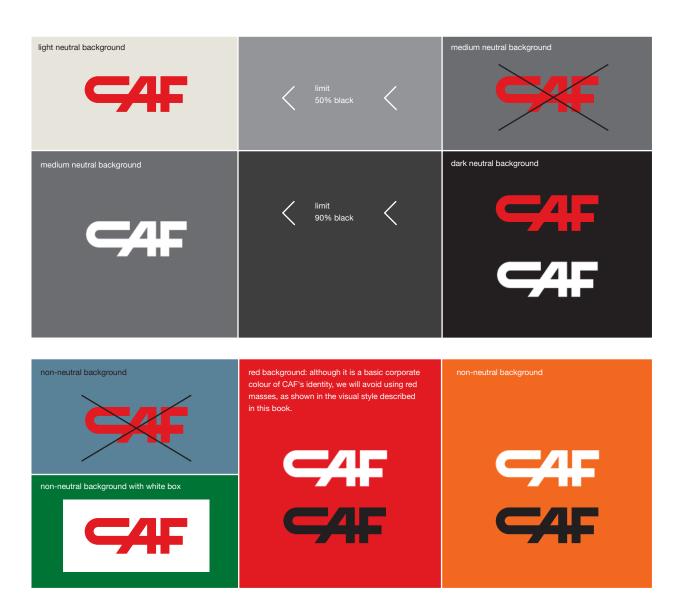
WHEN THE BACKGROUND IS NOT WHITE

We will always try to place the logo against a white background. When this is not possible, however it is a neutral colour (low colour saturation), the logo will remain in red as long as the intensity of the background does not exceed 50%, i.e. light backgrounds.

When the background is neutral and of medium intensity (colour intensity more than 50% and less than 80%) the logo will change to its negative version in white since red vibrates excessively against these backgrounds. It could be red against dark backgrounds when the intensity exceeds 90% black. In these cases both options will be permitted.

If the background colour is not neutral (blues, greens, yellows, etc.) regardless of the intensity, we will absolutely avoid placing the logo on that base. We will resort to a white background box that surrounds the logo while respecting the safety perimeter. If there is no choice but to apply it against a coloured background, we will only use the black or white versions of the logo, never red.

The only exception to this rule will be the PPE, which, according to regulations must have specific colours, such as phosphorescent vests, on which the logo may be displayed in red.



THE LOGO ON IMAGES

WE WILL PROVIDE THE LOGO WITH A CLEAN PLACE, WITHOUT "NOISE" AND WHITE IF POSSIBLE

Although it is a permitted option, we will try not to place the logo on a photo.

When we do so, we will look for a white background if possible and, if there isn't one, we will automatically apply the logo as negative, always on as clean a base as possible. We will only place the logo in colour on a white and clear area.



We will place the logo in an area where there is no information and where it is clear of elements.



The logo will never be placed on images without air or without areas free of elements.



INCORRECT USES

INCORRECT

It is very important not to change the shape, perspective or effects of the logo.

We must maintain the consistency of our image.



BRAND ARCHITECTURE

GENERAL BRAND

The CAF brand stands for all the company's rail and bus solutions, so there is no need for a specific CAF Group logo. It is the CAF logo itself that represents the Group. This logo will be used on all internal and external communication tools with a global and corporate purpose.

The CAF Group logo will only be used under exceptional circumstances and when absolutely necessary for administrative/legal reasons.



The different brands of the CAF Group can indicate that they are part of the CAF Group by including the A CAF GROUP COMPANY baseline in their own brand. It is not permitted to use other designs to create this association with the CAF Group for these brands. Any adaptations of these logos must first be approved by CAF's Marketing Department.

INSTRUCTIONS FOR USE:

We will align "A CAF GROUP COMPANY" to the right or left of the endorsed trade mark and its width will be half the width of the trade mark.

The separation of "A CAF GROUP COMPANY" from the trade mark will be the same as the height of "A CAF GROUP COMPANY".

When the logo width is equal to, or less than, 40 mm, "A CAF GROUP COMPANY" will increase until it reaches the full width of the logo.

The proportions and adaptation will be approved by CAF Marketing area beforehand.



Corporate brand



Exceptional use in very specific cases









< 40mm.







TYPOGRAPHY

THE ART OF ARRANGING LETTERS, DISTRIBUTING SPACE AND ORGANISING FONTS TO SUPPORT THE READER AS MUCH AS POSSIBLE.

TYPOGRAPHY IN HEADINGS

RUBIK

Bold

ABCDEFGHIJKLMÑOPQRSTUVWXYZ abcdefghijklmñopqrstuvwxyz 0123456789

Medium

ABCDEFGHIJKLMÑOPQRSTUVWXYZ abcdefghijklmñopqrstuvwxyz 0123456789

Regular

ABCDEFGHIJKLMÑOPQRSTUVWXYZ abcdefghijklmñopqrstuvwxyz 0123456789

Light

ABCDEFGHIJKLMÑOPQRSTUVWXYZ abcdefghijklmñopqrstuvwxyz 0123456789

RUBIK CORPORATE TYPOGRAPHY

Typography plays an important role in conveying an overall tone and quality. The careful use of Rubik typography, for all types of headings, helps to convey familiarity and trust in all CAF communications.

It will be used primarily in headings, tables, charts and anything else that is not the main text.

In our identity we use the Regular and Bold styles.

TYPOGRAPHY IN THE MAIN TEXT

Helvetica Neue

Bold

ABCDEFGHIJKLMÑOPQRSTUVWXYZ abcdefghijklmñopqrstuvwxyz 0123456789

Regular

ABCDEFGHIJKLMÑOPQRSTUVWXYZ abcdefghijklmñopqrstuvwxyz 0123456789

HELVETICA CORPORATE TYPOGRAPHY

Helvetica Neue is the timeless and neutral sans serif font par excellence. It provides legibility, seriousness and trust. It is to be used in the main text of all types of communications.

SUBSTITUTION TYPOGRAPHY



Bold

ABCDEFGHIJKLMÑOPQRSTUVWXYZ abcdefghijklmñopqrstuvwxyz 0123456789

Regular

ABCDEFGHIJKLMÑOPQRSTUVWXYZ abcdefghijklmñopqrstuvwxyz 0123456789

ARIAL SUBSTITUTION TYPOGRAPHY

Arial is a geometric sans serif font that ensures good reproduction on digital systems.

It will be used for desktop publishing, in exceptional cases where corporate typographies are not available.

In our identity we use the Regular and Bold styles.

TYPOGRAPHIC HIERARCHY

CORPORATE CATALOGUE GENERAL

These are the weights and typographic hierarchies that will be used in the General Catalogue.

H1 HEADINGS

INTEGRATED MOBILITY SOLUTIONS

-

Rubik Regular 60 pt / Line spacing 60 pt Rubik Regular 60 pt / Line spacing 60 pt

H2 HEADINGS

CREATING SUSTAINABLE CITIES

_

Rubik Regular 26 pt / Line spacing 26 pt Rubik Bold 26 pt / Line spacing 26 pt

H3 HEADINGS

ELECTRICAL TRACTION SYSTEMS

_

Rubik Medium 9 pt / Line spacing 11 pt

BODY COPY

CAF has a wide range of components which provide an overall solution to the requirements of a sector dedicated to smart transport based on technologically efficient, highly reliable and sustainable solutions.

_

Helvetica Neue Regular 8 pt / Line spacing 11 pt

LIST

SPAIN - High-speed trains: RENFE S/104, ATPRD S/120 & AVR S/121 - Regional trains: RENFE EMU TEMD S/449, DMU TDMD S/599, TRD S/594, ADR S/598, SFM DMU S/61 - Commuter trains: RENFE EMU S/446, S/447, Double-deck S/450 & CIVIA, Euskotren EMU, FGC EMU, FEVE DMU, SFM EMU, RENFE hybrid trains and EMUs - Metros: Madrid Metro S/2000, S/3000, S/5000, S/6000, S/6000, S/6000, Barcelona Metro S/2100, S/3000, S/4000, S/6000, S/6000, Bibao Metro, Palma de Mallorca Metro - LRVs / Trams: Bilbao Tram, Granada Tram, Malaga Tram, Sevilla Tram, Valencia LRV, Vitoria Tram, Zaragoza Tram, Chiclana TramTrain - Locomotives: Bitrac, Locomotive BB 3000 V, S/525, CTC 3.000 V & BB200

Helvetica Neue Bold 5 pt / Line spacing 6 pt Helvetica Neue Regular 5 pt / Line spacing 6 pt

TYPOGRAPHIC HIERARCHY

PLATFORM CATALOGUES

These are the weights and typographic hierarchies that will be used in the Platform Catalogues.

H1 HEADINGS

TRAMS AND LRV CREATING

SUSTAINABLE CITIES

_

Rubik Regular 75 pt / Line spacing 70 pt Rubik Regular 60 pt / Line spacing 60 pt

H2 HEADINGS

URBOSTRUST IN MOTION

_

Rubik Regular 26 pt / Line spacing 26 pt Rubik Regular 20 pt / Line spacing 21 pt

H3 HEADINGS

FLEXIBLE CONFIGURATION:

_

Rubik Regular 9 pt / Line spacing 11 pt

HIGHLIGHTS

With their avant-garde design and flexibility, CAF trams give each city its own identity.

-

Rubik Regular 10.5 pt / Line spacing 12.5 pt

BODY COPY

The search for efficient and environmentally friendly mobility systems is one of the main challenges facing cities in the 21st century..

_

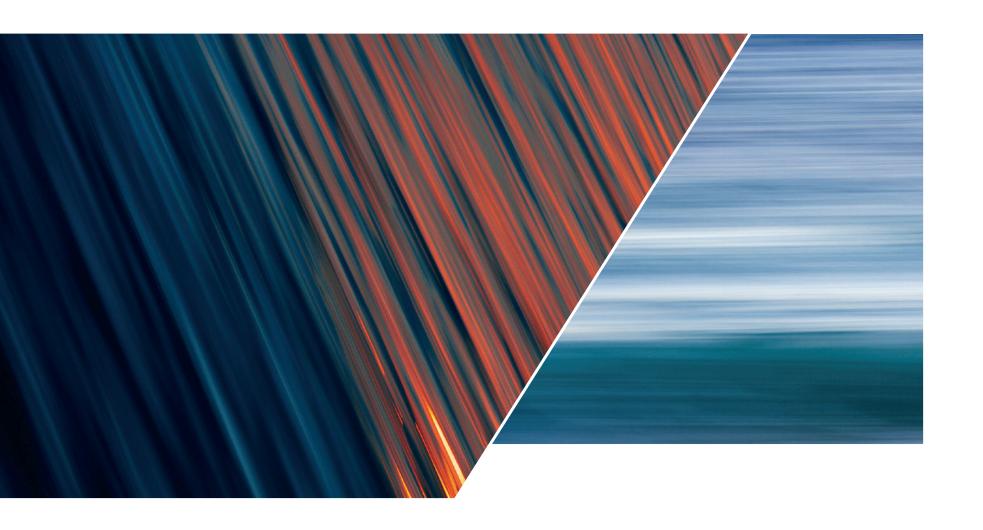
Helvetica Neue Regular 8 pt / Line spacing 11 pt

LIST

Wide aisles	Air conditioning
Large windows	Heating
Wide doors	TFT screen
Comfortable seats	LED panels

_

Helvetica Neue Regular 8 pt / Line spacing 11 pt



CHROMATICITY

CHROMATICITY
IS ONE OF THE MOST
IMPORTANT TOOLS
FOR CONVEYING
A BRAND.

PRIMARY COLOURS PALETTE

PRIMARY COLOURS

Colour plays an important role in CAF's corporate identity manual.

The constant use of these colours will contribute to the cohesive and harmonious appearance of the brand identity in all relevant media.

CAF has three official colours, red, black and white. These colours have become a recognisable identifier for the company.

PANTONE BLACK COATED

 CMYK
 C0 M0 Y0 K100

 PANTONE
 BLACK COATED

 RGB
 R0 G0 B0

 RAL
 9017

 WEB
 #000000

PANTONE 711 COATED

 CMYK
 C0
 M100
 Y100
 K5

 PANTONE
 711C
 RGB
 R219
 G8
 B18

 RAL
 3020

 WEB
 #db0812

PAPER SCREEN

CMYK CO MO YO KO
PANTONE

RGB R255 G255 B255

RAL 9003 **WEB** #ffffff

PRESENCE



BLACK 38%

TEXTS
LINES

WHITE **60**%

PAPERSCREEN

SECONDARY COLOURS PALETTE

SECONDARY

The secondary colour palette is mainly used for the charts and graphic designs that require it.

This palette is divided into cool colours and warm colours.

The cool colours are in the blue / grey range. They convey:

- Technology
- Industry 4.0
- Trust
- Ecology (green will be shown in the photos)

Warm colours originate from the primary colour red. They convey:

- Familiarity
- Motion
- · Human side

CMYK	CO MO YO K100	CMYK	C95 M60 Y40 K40	CMYK	C60 M30 Y20 K20	CMYK	C40 M30 Y27 K10
Pantone	BLACK COATED	Pantone	3025C	Pantone	7695C	Pantone	C00L GRAY 6C
RGB	RO GO BO	RGB	R6 G66 B90	RGB	R100 G134 B158	RGB	R156 G159 B164
Web	#000000	Web	#054258	Web	#64869e	Web	#9c9ea4
RAL	9017	RAL	5009	RAL	5024	RAL	7004
CMYK	C20 M16 Y16 K0	CMYK	CO M73 Y100 K0	CMYK	C0 M100 Y100 K5	CMYK	C25 M90 Y70 K30
Pantone	427C	Pantone	152C	Pantone	711C	Pantone	7641C
RGB	R212 G210 B210	RGB	R235 G95 B10	RGB	R219 G8 B18	RGB	R150 G45 B50
Web	#d4d2d1	Web	#eb5f0a	Web	#db0812	Web	#962d32
RAL	7047	RAL	211	RAL	3020	RAL	3003



/ PEOPLE

TRUST

Neat appearance. Firm and confident posture, conveying trust and familiarity.
Users enjoy safe transport. Employees convey know-how and professionalism.



/ VEHICLES ON TRACK

GLOBAL MOBILITY

We want to give importance to the setting where the vehicle is located, which is why air and context will be left around it. In this way we will convey that CAF not only makes vehicles, but also intervenes in the entire integrated mobility system.



/URBAN ENVIRONMENT

CITIES IN MOTION

The cityscape will be emblematic with modern buildings and architectural design. Cities, streets, and stations will be shown with open and detailed drawings.



/ URBAN ELEMENTS

WE NEVER STOP

The urban aspect will be a prominent feature of communication. Cities and motion will take centre stage. We will work with closed and out-of-focus settings.



/NATURAL ELEMENTS

SUSTAINABILITY IN MOTION

Nature will be a major element. When we show landscapes, it will be as if we're looking out of a train window, in motion, thereby conveying the concept of echo and motion. We will use details with very tight settings that almost become abstract textures.





BRAND MESSAGE

MESSAGE

The "Trust in Motion" claim will always be right-justified and comply with the typography weights. It will be in black against a white background.

TYPOGRAPHIC WEIGHTS

TRUST - Rubik Bold IN MOTION - Rubik Regular

TRUST IN MOTION



TREATMENT OF THE CLAIM

EXCEPTIONS

In very specific situations it will be right-aligned or on a single line. For example, in pieces that have excessive landscape format, or where the layout has the photos on the right.

TRUST IN MOTION



TRUST IN MOTION





LAYOUT

PIECES THAT **FIT**

THE PIECES REPRESENT THE DIFFERENT BUSINESSES AND SOLUTIONS WITHIN CAF.

CAF is not just a company. We are experts in mobility, with the capacity to understand the challenges of the future, to design, build and implement using our own technology, transport systems that improve people's lives and the sustainability of the planet.

Each member of the group is a leading expert in their own field and, together, we offer global solutions that are perfectly coordinated to ensure an optimum result.

Visual identity is based on content boxes that are aligned, and whose angles coincide with each other, and also coincide with the tilt of the "A" in CAF at 35° (see page 22) to create the final composition. These forms, and this orderliness, convey the idea of interdisciplinarity, as well as the coordination and unity of the whole. They are the visual derivation of the tangram idea that CAF already used as a metaphor for "transport systems".



THE SYSTEMS BASES

It is a highly versatile system which at the same time has few elements to combine. This lends it recognisability and continuity on the one hand, and adaptability on the other, both of which are essential in a visual system that has to respond to a wide range of needs.

The width and height of the photo boxes will be variable depending on the format of each image.







DESIGN SYSTEM

SYSTEM RULES

Number of photos:

Never more than four.

Tilt:

Only one of them will have a tilt of 35°.

Size of the photos:

This will be adapted to the needs of each piece.

Format of the photos:

The format of the main photo will be landscape, while the secondary ones will have a vertical or square format.

White space on the page:

A very important element that must always be adhered to above and below, as well as at least on one side of the photo composition.

White space between photos:

It will have a thickness of 2pt in page formats up to DinA3. If the support is larger, it will be scaled proportionally.









LAYOUT

The layout to be followed in CAF's communication pieces is set out below.

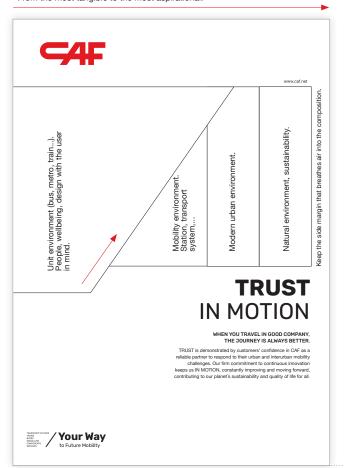
This is a generic outline for corporate advertisements.

The only red element is the brand, which stands out from everything else.

Keep our brand asset (35° tilt) as an abstraction of any vehicle in our range, and also as a metaphor for ascending, improving and progressing.

The "Your Way" message is kept, but separated from the brand. By linking it to the group's 6 solutions, it is also related to the scale of the offer, directing it towards greater positioning as a Leader.

Motion, progress, acceleration, improvement... From the most tangible to the most aspirational.



The layout has large white areas that allow it to breathe. Empty spaces in a composition provide tranquillity and orderliness.

The claim conveys the idea of trust in a great company. Positioned as a leader, always in motion.

VERTICAL





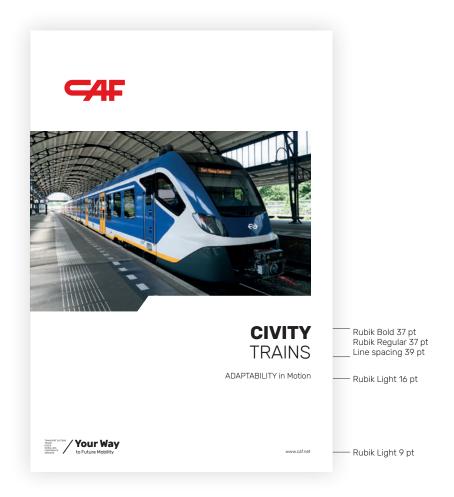


HORIZONTAL

In versions that are very horizontal, we will disregard the main text and will only use the claim and the heading.







Rubik Regular 60 pt Line spacing 60 pt

Rubik Bold 60 pt Line spacing 60 pt

Rubik Medium 9 pt -Line spacing 11 pt

Helvetica Neue Regular 8 pt Line spacing 11 pt

SOLUCIONES INTEGRALES DE MOVILIDAD

LIDERAMOS PROYECTOS INTEGRALES DE INFRAESTRUCTURAS DE MOVILIDAD SOSTENIBLE

CAF garantiza la integración y compatibilidad de todos los subsistemas en sus proyectos, desde la obra civil hasta la operación de servicios ferroviarios, pasando por la efectrificación, señalización, comunicaciones y billetaje. Los proyectos se abordan de manera integral bajo un prisma interdisciplinar, gestionando toda su complejidad para proporcionar una solución de movilidad llave en mano.

Los servicios de consultoria e ingeniería de CAF dan respuesta a los retos de desarrollo urbano de distintas administraciones, a partir de una sólida experiencia en los ámbitos de movilidad, energía, edificación y medioambiente.

INGENIERÍA Y CONSULTORÍA PROYECTOS INTEGRALES DE TRANSPORTE

Las soluciones del Grupo CAF garantizan la correcta integración entre el material rodante y la infraestructura. Este modelo de proyecto integrado se basa en la optimización de cada uno de los tres pilares EPC (Engineering-Procurement-Construction). Esto permite diseñar, suministrar e integrar los diferentes subsistemas del proyecto de manera

SERVICIOS FINANCIEROS

Instrumentos de financiación para hacer realidad la estrategia de movilidad de cada cliente. Los proyectos integrales llave en mano (EPC/Turnkey) incluyen sistemas compleios de financiación como PPPs, concesiones, leasings, etc.







CIVITY IS A MADE-TO-MEASURE TRAIN

- Regional or commuter service
 Multi-purpose areas:
 provider
- 1 or 2 doors on each carbody side with large windows.
- Business and economy
- Seats are designed to achieve maximum passenger comfort.
 They can be fitted with fold down armrests, waste bins, magazine information zones.

 Wheelchair areas.
 Seats or standing zones
 Praying areas.
 Praying areas.
 Indicate the seat of the seat armrests, waste bins, magazine racks, and sockets, laptop computer tables on the backrests, footrests, handholds or knobs for aisle seats among others.
- · Cafeteria /vending machines. Children's game areas.
 Sports' equipment modules;
- bicycle or sky racks.
- Standard or universal WCs
 Wheelchair areas.
- Personalised interior design to offer the best possible on-board
- · Passenger information systems, including the most advanced systems with LED signs and/or TFT screens; with possibility of providing WiFi service.

Regional or commuter service passengers.

CIVITY IS

- High capacity. Operating compa-nies can adapt the configuration of their trains by adding on removing intermediate cars based on passenger demand.
- Intelligent coupling system with reduced shunting times; only one driver needed
 dow panels.
 Ergonomic Cabs, with good all-round visibility
- erators. Enables customers to set up trains up to 16 cars long. types of passengers.
- Maximum safety. The interior design includes all the equipment and accessories designed and installed to increase the safety, information and comfort of

- The passenger salon may be equipped with tables between seats, reading lights, attendant call buttons, seat reservation dow panels.
- Modularity at the service of op Mobility without barriers: best











PARRAMATTA TRAMWAY

Urbos units with Greentech system for Transport for NSW

PARRAMATTA TRAMWAY

The new trams for the Parramatta tramway system in New To ensure full accessibility for all users, the unit has two specific South Wales, Australia, belong to CAF's Urbos range. They are international gauge, bi-directional units with two driving cabs, made up of seven articulated modules supported on three motor bogies and a trailer bogie under the central module, which offer the operator a high transport capacity.

The tram floor is 100% low throughout the passenger department. This eliminates the existing barriers to transit along the vehicle, while at the same time making it very comfortable for passengers to board and alight the tram from platforms at a similar height to the pavements.

areas for wheelchair passengers, strategically located near the doors.

In addition, the tram is equipped with the Greentech OESS system. This is an onboard energy storage system based on lithium-ion batteries, so that it can operate without catenary some sections of the line.

TECHNICAL DATASHEET

Composition	Mc-S-M-S-T-S-Mc
Supply voltage	750 Vdc
Track gauge	1,435 mm
Maximum speed	70 km/h
Train length	45,411 mm
Outer track gauge	2,650 mm
Floor height	350 mm
Total passenger capacity	421 (6 p/m²)

2 wheelchair places y 2 bicycle space

OTHER EQUIPMENT

Sallon and cab air conditioning
 Passenger information systems, passenger alarm and public address system (PIS-PAS-PA)
Video surveillance system (CCTV)
Train Control and Monitoring Solutions (TCMS)

 Event recorder and driver presence monitoring system On-board passenger counting system

Collision warning system

 Obstacle detector · External side cameras with rear-view function

 Sanding systems on motor bogies and flange lubrication • Front anti-trap system, self-adjusting in height

Anti-climbers for shock absorption

· Retractable hitch at the rear end of the vehicle



BIRMINGHAM TRAMWAY

First British tram to run without catenary, thanks to Greentech on-board energy storage system

BIRMINGHAM TRAMWAY

The tram is 100% low floor along the entire passenger saloon. This eliminates any passenger barriers along the whole tram.

This tramway is fitted with 6 doors on each side for rapid in addition, boarding and alighting of passengers from 7 to passenger boarding and alighting. Furthermore, there are 2 platforms located at a similar level to sidewalks is extremely specific areas reserved for persons with reduced mobility. comfortable.

This is a standard gauge, bidirectional tram comprising 5 articulated modules resting on two motor bogies and one trailer bogie under the central module.

The new Urbos units are equipped with a Greentech Orboard Energy Storage Solution (DESS) that avoids the need for an overhead electrification facility and helps profit. architecturally sensitive areas of the city centre.

strategically located close to the doors.

TECHNICAL DATASHEET

Composition	Mc-S-T-S-N
Supply voltage	750 Vo
Track gauge	1,435 m
Maximum speed	70 km
Train length	33,070 m
Outer track gauge	2,650 m
Floor height	350 m
Total passenger capacity	20
• 2 places for wheelchairs	

OTHER EQUIPMENT

 Saloon and cab air conditioning Passenger audio and visual information: The Public Address System, exterior and interior LED displays, TFT Video-Entertainment screens

· Exterior side cameras with rear-view mirror function Event recorder and driver presence monitoring system
('Dead Man')

 Closed circuit TV train surveillance Sanders and flange lubrication

Height adjustable front pedestrian protection system

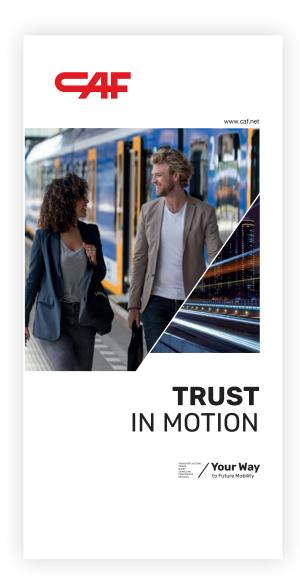
Train maintenance and operation data transmission via WiFi communication

OESS devices based on Lithium-Ion technology



ROLL UP







DESIGN SYSTEM SIGNAGE

EXAMPLES OF SIGNAGE

Components

- Corporate typography
- White spaces
- Aesthetic images
- · Diagonal contour
- · Red forward slash



















BASIC APPLICATIONS

/ HOW THE BRAND COMES TO LIFE.

BASIC APPLICATIONS

LETTER SHEET

We will have a letter sheet with the specific Headquarters address.

PARAMETERS

Dimensions

210 x 297 mm DIN A4

Weight

120g/m Coated white

Printing

Two inks



BASIC APPLICATIONS

LETTER SHEET

We will have a letter sheet with the generic web address for those cases where the headquarters vary.

PARAMETERS

Dimensions 210 x 297 mm DIN A4

Weight 120g/m Coated white

PrintingTwo inks



LETTER SHEET

We will have a letter sheet with the specific Headquarters address.

PARAMETERS

Dimensions

148 x 210mm DIN A5

Weight

120g/m Coated white

Printing

Two inks



LETTER SHEET

We will have a letter sheet with the generic web address for those cases where the headquarters vary.

PARAMETERS

Dimensions

148 x 210mm DIN A5

Weight

120g/m Coated white

Printing

Two inks



BUSINESS CARD

The approved designs are shown here with the main elements of the CAF stationery system for business cards.





First name Surname Surname

Title (optional) Department

/J.M. Iturrioz, 26 20200 Beasain. Spain www.caf.net napellido@caf.net T. +34 943 88 01 00 M. +34 888 88 88 88 Rubik Medium 9pt

Rubik Regular 7pt Line spacing 9pt

Rubik Regular 7pt Line spacing 9pt

PARAMETERS

Dimensions 85 x 55mm Weight 300g/m Coated white **Printing**Two inks



CORPORATE ENVELOPE 220X110

The approved design with the main elements of the CAF stationery system for envelopes is shown here.



Fixed size for the rest of stationery up to DinA3. (American envelopes, DinA5,...)



Rubik Regular 7pt Line spacing 9pt

PARAMETERS

Dimensions 220 x 110mm

Weight 120g/m Coated white Printing Two inks

CORPORATE ENVELOPE 230X177

The approved design with the main elements of the CAF stationery system for envelopes is shown here.



Fixed size for the rest of stationery up to DinA3. (American envelopes, DinA5,...)

Logo width: 30mm

Rubik Regular 7pt Line spacing 9pt



/J.M. Iturrioz, 26 20200 Beasain. Spain T. +34 943 88 01 00 www.caf.net

PARAMETERS

Dimensions 230 x 177mm

Weight 120g/m Coated white Printing Two inks

CORPORATE ENVELOPE 250X353

The approved design with the main elements of the CAF stationery system for envelopes is shown here.



— 42 mm -

Fixed size for the rest of stationery up to DinA3. (American envelopes, DinA5,...)

Logo width: 42mm

Rubik Regular 7pt Line spacing 9pt



/J.M. Iturrioz, 26 20200 Beasain. Sp T. +34 943 88 01 (www.caf.net

PARAMETERS

Dimensions 250 x 353mm

Weight 120g/m Coated white **Printing** Two inks

CORPORATE ENVELOPE 307X410

The approved design with the main elements of the CAF stationery system for envelopes is shown here.



Fixed size for larger applications such as envelopes, bags or folders.

Logo width: 42mm

Rubik Regular 7pt Line spacing 9pt



PARAMETERS

Dimensions 307 x 410mm

Weight 120g/m Craft **Printing** One ink

FULL RANGE CORPORATE ENVELOPES

All the corporate envelope models are available on CAF's intranet at the following addresses:

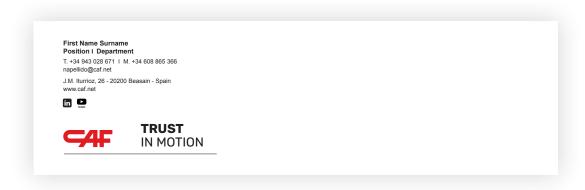
- -Generic
- -Beasain
- -Madrid
- -Saragossa
- -Irun
- -Deutschland

If the need arises to generate envelopes with another address, the rules applied to the previous ones will be respected, both in size, shape, color and in the way of writing the addresses.

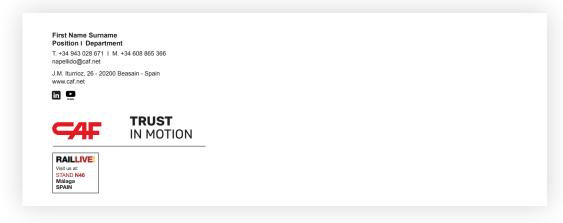


EMAIL SIGNATURE

The email signature will be neat and tidy. At the bottom we will place the brand message by way of a closing.



General signature



Signature for trade fair



ICONS

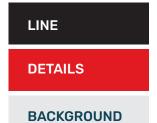
ICONS

Icons are an essential part of the design system. They help us to understand concepts

without needing language.

They are simple, universal and effective.

CAF's icons are created adhoc with the graphic lines of its identity. They respect thicknesses and curves.

































































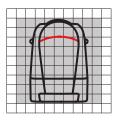


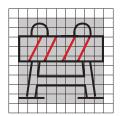


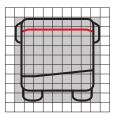
HOW TO USE THE ICON SYSTEM

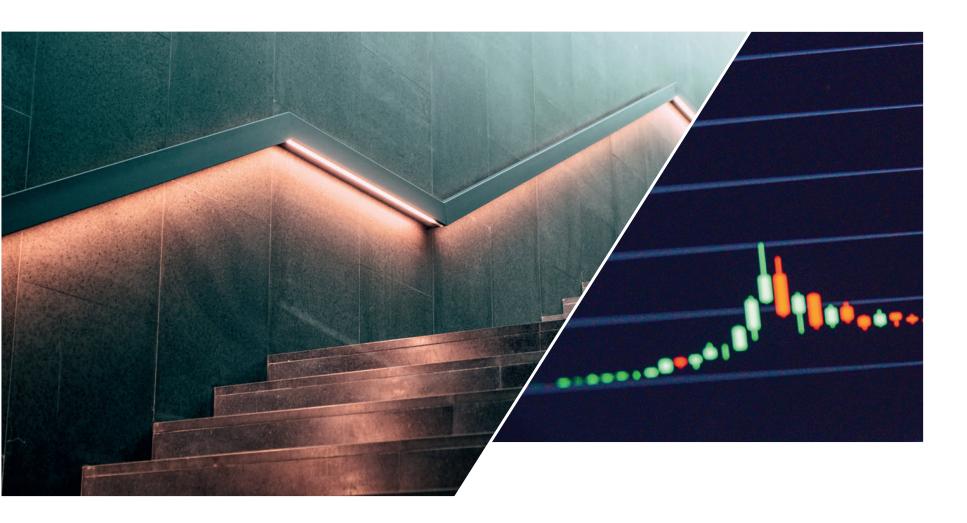
Whenever possible, they will be used without background.

Minimum line: 1 pt









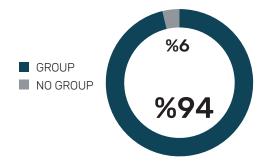
CHARTS AND TABLES

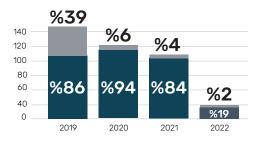
CHARTS

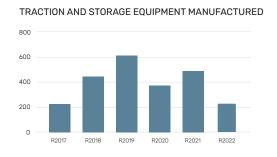
CHARTS

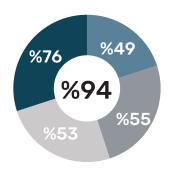
In charts where the colour requirement is less than four tones, only the cool colours in the secondary palette will be used.









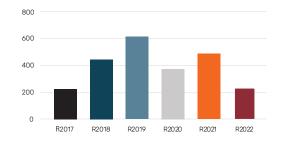


CHARTS

CHARTS

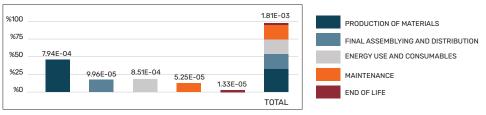
For charts which require more than four tones, the full palette of colours allowed in this manual will be used.



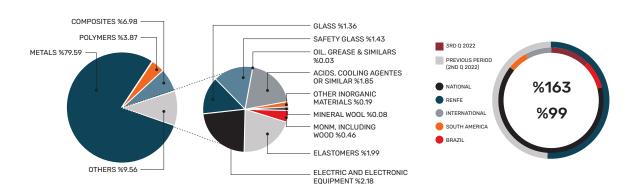




TOTAL GLOBAL WARMING POTENTIAL (kg CO2 eq.)



In 2019 Norwegian CO2 emissions were 6.72 metric tons per capita Source: http://data.worldbank.org



TABLES

Tables contain a lot of valuable information that we must handle with care.

To this end, the design will be minimalist with black lines and grey backgrounds.

STROKE -----0.5pt.

COLOUR CO MO YO K10 R235 G235 B235

TABLES WITH A SMALL AMOUNT OF INFORMATION

To organise it, we will use support lines and inline boxes.

TECHNICAL DATASHEET

Composition	Mc-S-T-S-Mc
Power supply voltage	750 Vdc
Track gauge	1,435 mm
Max. speed	70 km/h
Length	34.16 m
Exterior width	2.65 m
Vestibule area floor height	330-360 mm
Total capacity	220
Places for wheelchairs	2

TABLES WITH A LARGE AMOUNT OF INFORMATION

To organise it, we will use black lines and grey backgrounds.

ENVIRONMENTAL PROFILE FOR THE FUNCTIONAL UNIT [1 PASS. 1 KM]		Material and	Transport	Vehicle use [DOWNSTREAM]				TOTAL	
WASTE* [kg/ pass.km]		Component Production [UPSTREAM]	and vehicle assembly [CORE]	Use energy consumption & consumables		Mainte-	& End of Life	0%	100%
				0% recept.	100% recept.	nance		recept.	recept.
Hazardous waste disposed	Kg	6.60E-07	2.63E-09	1.88E-08	1.13E-08	2.91E-09	1.38E-10	6.84E-07	6.77E-07
Non-hazardous waste disposed	Kg	1.94E-04	1.54E-05	1.02E-03	5.82E- 04	1.27E-05	6.35E-06	1.25E-03	8.11E-04
Radioactive waste disposed	Kg	3.70E-08	1.02E-08	2.40E- 08	1.53E-08	1.95E-09	3.23E-10	7.35E-08	6.48E-08
OUTPUT FLOWS [kg/ pass.km]									
Components for reuse	Kg	0	0	0	0	0	0	0	0
Material for recycling	Kg	0	1.33E-06	0	0	5.21E-06	1.38E-04	1.45E-04	1.45E-04
Materials for energy recovery	Kg	0	0	0	0	8.36E-06	2.93E-06	1.47E-05	1.47E-05
Exported energy, electricity	Kg	0	0	0	0	0	0	0	0
Exported energy, thermal	Kg	0	0	0	0	0	0	0	0



RESOURCES CHARTS

FORWARD SLASH

This resource is derived from the tilt of the "A" in the logo, but means a lot more: the tilt conveys the idea of ascending, growing and moving:

At the same time, this resource is understood as change (before/after), displacement (point A/point B), choice and range (one/another), collaboration, etc. It is therefore an important and significant part of our identity.

For ease of use, we will use the slanting line of the keyboard in Rubik Black Italic typography, since it keeps the official 35° of the identity. The colour will always be corporate red.

It will be used at the beginning of text or headings to give them a CAF identity, and to create the presence of red in an elegant way.

/ THIS RESOURCE IS VERY USEFUL FOR HIGHLIGHTING TEXT AND ADDS PERSONALITY TO DESIGNS.

COLOUR CO M100 Y100 K05 R219 G8 B18

TILT 35°







GRAPHIC RESOURCES

YOUR WAY

This set of elements helps us to have a clear and concise description of the complete range of CAF solutions. Furthermore, it reminds us of the message used up to now, and which is still valid for the content it conveys.

This piece will normally be placed at the bottom left and will not distract from the claim.

COLOUR CO MO YO K100





GRAPHIC RESOURCES

TILT 35°

Whenever the design requires it, the photos will have a 35° tilt on one side. This tilt allows us to create designs with personality and make them very recognisable.

We can play with different ways of placing the photos so that our system is versatile and flexible.

The width and height of the boxes will vary depending on the design format.







GRAPHIC RESOURCES

LINES

The lines that appear in the documents will be black with a thickness of 0.5pt. They will be used in charts and tables, and in layouts that require them.

C0L0UR C0 M0 Y0 K100 R0 G0 B0

THICKNESS 0.5 pt 4800

SUPPLIED TRAINS

1000

MODERNISED CARS

1200

ELECTRIC BUSES IN OPERATION MORE THAN

COUNTRIES

OARIS	HIGH-SPEED AND VERY HIGH-SPEED TRAINS CAPABLE OF REACHING 350 KM/H
CIVITY	MODULAR TRAINS FOR REGIONAL AND COMMUTER SERVICES
INNEO	METRO UNITS ADAPTED TO THE NEEDS OF EACH CITY
URBOS	TRAMS, LIGHT METROS AND TRAM-TRAINS
BITRAC	DIESEL AND ELECTRIC TRACTION LOCOMOTIVES

Composition	Mc-S-T-S-Mc
Power supply voltage	750 Vdc
Track gauge	1,435 mm
Max. speed	70 km/h
Length	34.16 m
Exterior width	2.65 m
Vestibule area floor height	330-360 mm
Total capacity	220
Places for wheelchairs	2



SOCIAL NETWORKS

LINKEDIN

For the linkedin header we will use a photo that represents motion with a very pronounced blur, thus making the image an abstract image that also evokes technology. The tones of the photo will be blue and red, representing CAF's colour range.



SOCIAL NETWORKS

LINKEDIN

The CAF logo will be placed against a white background. This will make it clearly visible and identifiable.

VERSION FOR PERSONAL ACCOUNTS

The CAF logo will be placed on the header image.





SOCIAL NETWORKS

POST-EMPLOYMENT



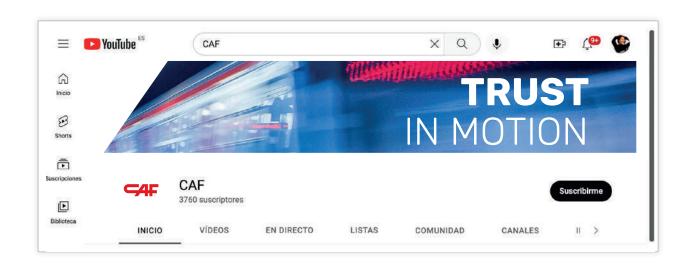


YOUTUBE

We will make sure that our brand message is in the safe viewing area on any device.



YOUTUBE





THE LOGO ON UNIFORMS AND PPE

THE LOGO ON UNIFORMS AND PPE

UNIFORMS AND PPE

The CAF logo will always be in red on the lapel area of the garments or on the back of PPE.

It will not bear any caption or additional element.

In the case of CAF Group business units and/or work areas, the CAF logo will be used.



The CAF logo will always be in red on the lapel area of the garments or on the back of PPE.



Specific business division or unit logos will not be used.



DESCRIPTIVE SECTIONS AND TEXTS

DESCRIPTIVE SECTIONS

DESCRIPTIVE SECTIONS

Both at the start and end of the videos, the "intro" and "outro" created for CAF will be used.

These will be taken from the master files provided and will not be subject to modification.



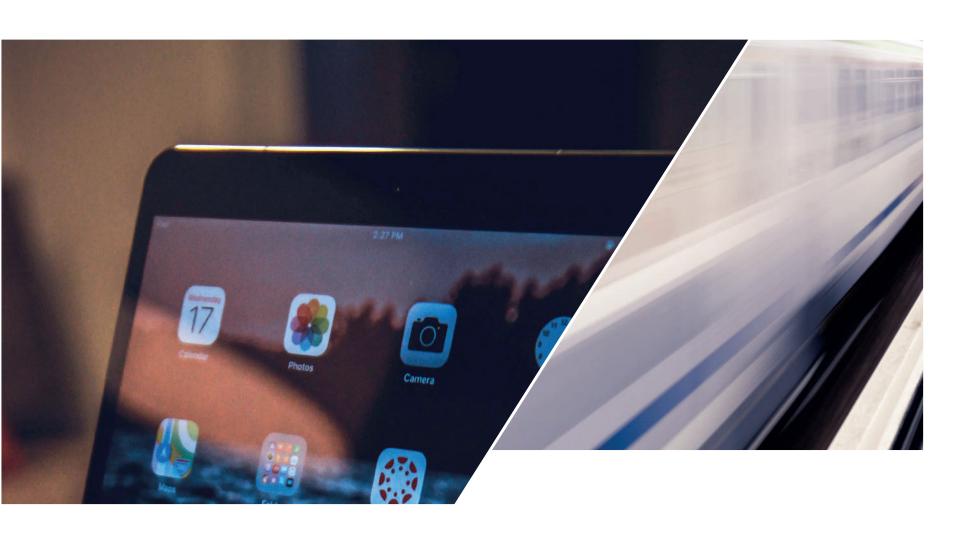
TEXTS ON IMAGE

In the videos where we need to place texts, there are several options:

- They can be placed on the image itself.
- We will use the geometric resource with the 35° tilt that will appear from below and on which we will place the text.
 Depending on the amount of text, this resource will be wider or narrower, and the tilted part can be moved to the left to have more space.







VIDEO CALL BACKGROUND

VIDEO CALL BACKGROUND

VIDEO CALL BACKGROUND HORIZONTAL

For video calls we will use the CAF corporate background.



VIDEO CALL BACKGROUND

VIDEO CALL BACKGROUND VERTICAL

For video calls we will use the CAF corporate background.





- · Logo in all formats
- Stationery DinA4 letter

DinA5 letter

Corporate envelope 220x110

Corporate envelope 230x117

Corporate envelope 250x353

Corporate envelope 307x410

Business card

- · Generic email signature
- · Special email signature for events/trade fairs
- Icons
- · Segment catalogues
- Other catalogues
- Technical data sheets
- PPT presentation templates
- Roll ups
- · Linkedin header
- YouTube header
- Job vacancy templates social networks
- The logo on uniforms and PPE
- Intro and outro video descriptive sections
- Video call background



brand@caf.net caf.net

