Guidelines www.ngel-geothermal.eu



Contents

About the Project

About the Guidelin

Our Identity (Spel

Logo Grid

Safe Zone

Primary & Second

Logo Colour





t	02
ine	03
lling)	04
	05
	06
dary Colours	07
	08

Logo Mono Colour	0
Logo Placement	1
Logo Misuse	1
Typography	1:
Boilerplate	1
Disclaimer	1
Contact Info	1



About the Project

nGEL is aiming to transform a geothermal ORC plant to a flexible tri-generation plant capable of both efficiently as well as cost effectively responding to the dynamic demand of power, heating, and cooling, attributing geothermal energy as a dispatchable source to balance the power and thermal grid against the progressive integration of intermittent RES (i.e. solar, wind). This will be achieved through the integration of absorption chiller, thermal energy storage, cold thermal energy storage, heat exchangers, smart control and energy management system (EMS) with Al functionalities.

If the nGEL technology can be implemented in all of the existing ORC plants in the EU, around 215 TWht heat can be delivered to the thermal grid, which is approximately 4% of the EU current annual heat demand, which corresponds to annual economic saving (on NG import) of \in 9.6 billion/year.













About the Guideline

These guidelines provide the framework for consistent and impactful communication for the n GEL Geothermal Project. By following these standards, we ensure clarity and recognition among stakeholders, the public, and funding bodies. This document details logo usage, communication templates, and necessary disclaimers, all aligned with EU requirements, to effectively represent the project and its goals.





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Our identity (spelling)

The correct spelling of the project is **nGEL**. In this format, the letter <u>n</u> is in lowercase, while GEL is presented in uppercase. This distinct combination is essential for maintaining the brand identity and recognition of the project.

Incorrect Versions









The following spellings (not limited) are considered incorrect and should be avoided:



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Logo Grid

This section outlines guidelines for the construction and layout of the nGEL project's logo using a grid system.







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Safe Zone

While placing any other brand or project's logo next to nGEL's logo, the minimum distance should be maintained as outlined below.







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Primary & Secondary Colours

The primary colour code for branding the nGEL project is #87BB57, which should be predominantly used across all the project materials. For accents, secondary actions, and to support the entire colour scheme of nGEL, #232620 can be used as a secondary colour.

Primary Colours

R - 1<u>36</u> G - 188 B - 87 C - 52, M - 5, Y - 86, K - 0

87BB57

Primary – 400	950
#88BC57	#17250e
Secondary – 950	950
#232620	#232620







Secondary Colours





Logo Colour

This section outlines the correct colour format for nGEL, detailing the official colours to be used in all branding and presentation materials.



R - 136 G - 188 B - 87

C - 52, M - 5, Y - 80





l Page: 08

ergy	Smart Use of Geothermal Energy
	R - 35 G - 38 B - 32
6, K - 0	C - 70, M - 62, Y - 70, K - 72

Logo **Mono Colour**

tints, and tones.









This section exemplifies how the nGEL logo should be used across various shades,

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Logo Placement

Guidelines on the appropriate placement of the EU emblem alongside the funding statement in all materials of the nGEL project.



Top left







l Page: 10



Top right

Bottom left

Bottom right

÷ηGEL

Placement of the EU emblem with the funding statement in case of co-branding



Logo Misuse

Any use of the nGEL logo that deviates from the specified guidelines outlined in this manual will be considered a misuse of the nGEL logo, this includes (not limited to):









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Typography

The following fonts and typography guidelines should be used in various contexts for the nGEL project to ensure a consistent and professional brand representation.

AaBbCcc







Font: Inter (by Google Fonts)

Characters

ABCDEFGHIJKLM-NOPQRSTUVWXYZ abcdefghijklmnopqrstvwxyz 0123456789!"#\$%&/()@=?,-

For LOGO: Supercharge Straight

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Boilerplate

The nGEL Project boilerplate serves as a consistent introduction for various contexts, providing essential information about the project. It encompasses the who, what, where, when, why, and how of the initiative.

"Launched in June 2024, the Next Generation Flexible Trigeneration Geothermal ORC Plant (nGEL) Project is a pioneering initiative funded by the European Union that aims to transform geothermal ORC plants into efficient, cost-effective, and dispatchable sources of power, heating, and cooling. It integrates absorption chillers, thermal energy storage, heat exchangers, smart control, and AI functionalities. Implementing nGEL in all EU ORC plants could deliver 215 TWht heat annually, saving €9.6 billion annually."









Disclaimer

The following text should be added to the materials (e.g., scientific publications, websites, brochures, videos, etc.) of the nGEL project as a disclaimer.





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the European Union

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Contact Info



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