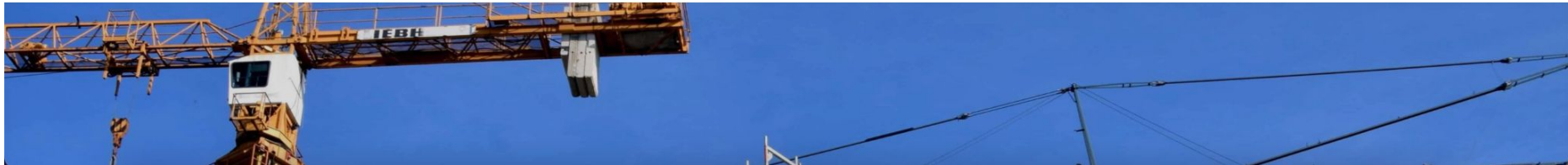


The Center for Building is a non-profit that conducts research on building codes and advocates for reform in North America.



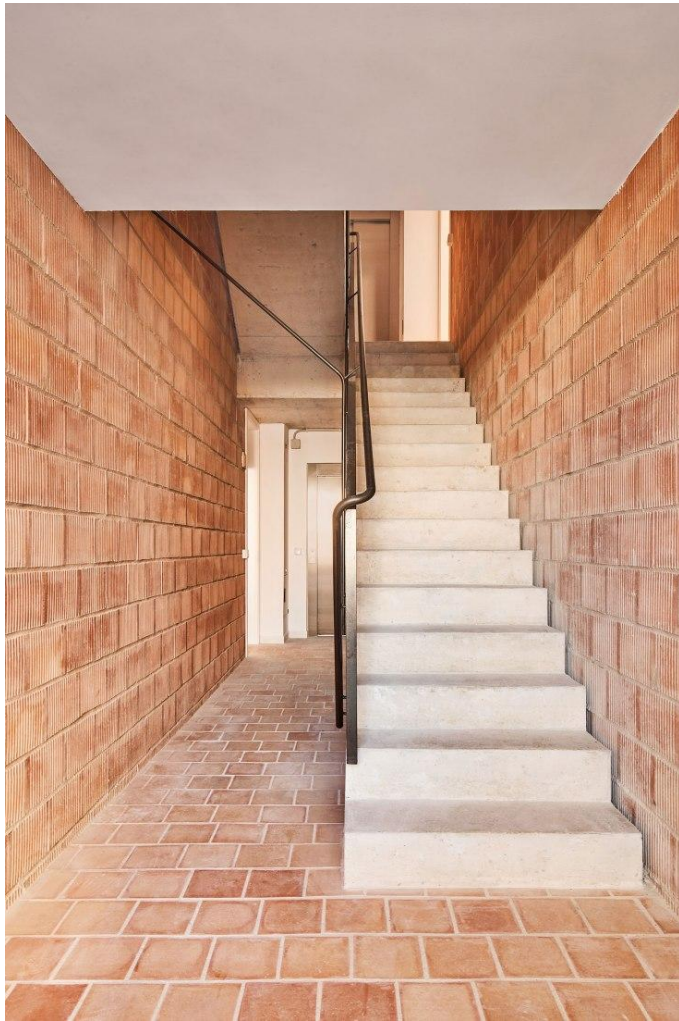
[centerforbuilding.org](https://centerforbuilding.org)

[stephen@centerforbuilding.org](mailto:stephen@centerforbuilding.org)

# Next Frontier: Elevators

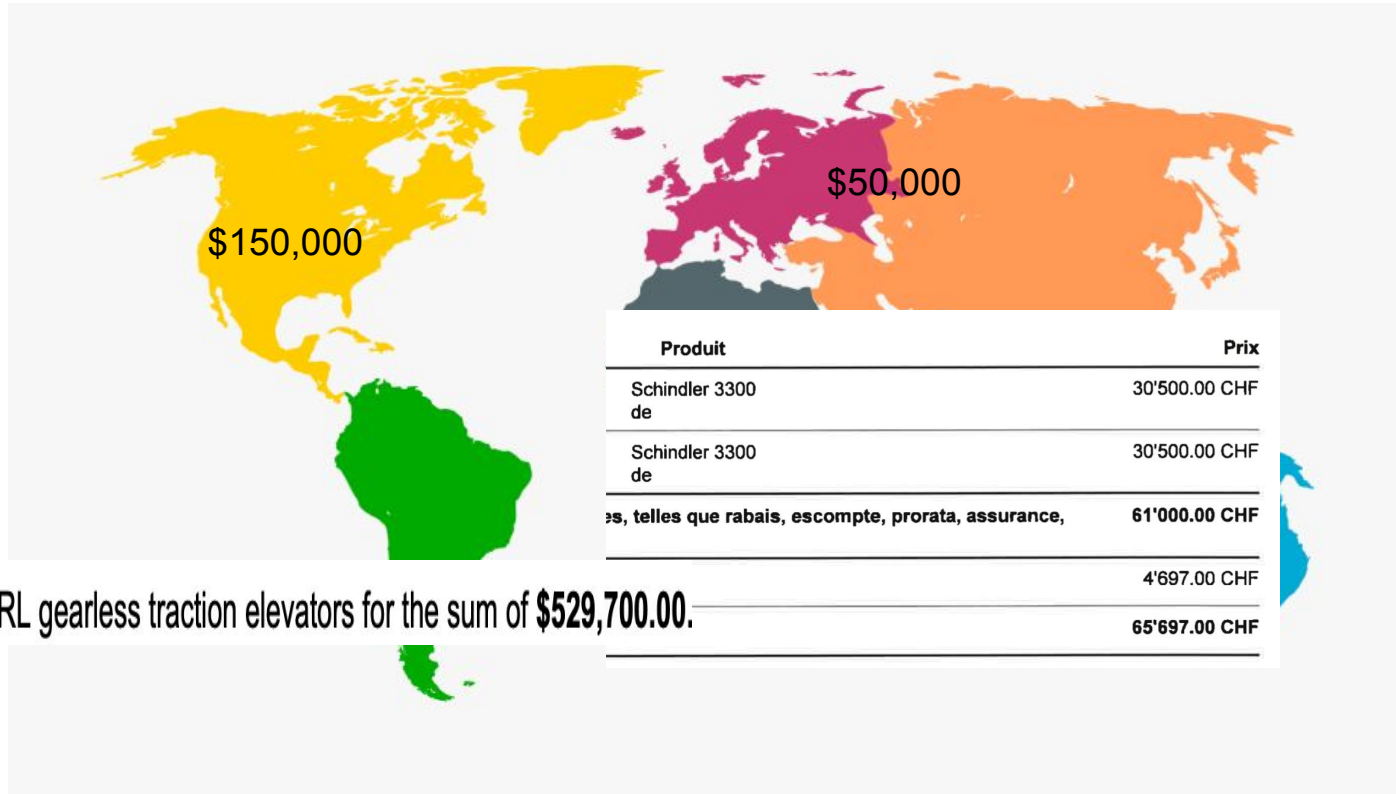


54 social housing apartments, Mallorca  
Joan Josep Fortuny Giró  
Alventosa Morell Arquitectes





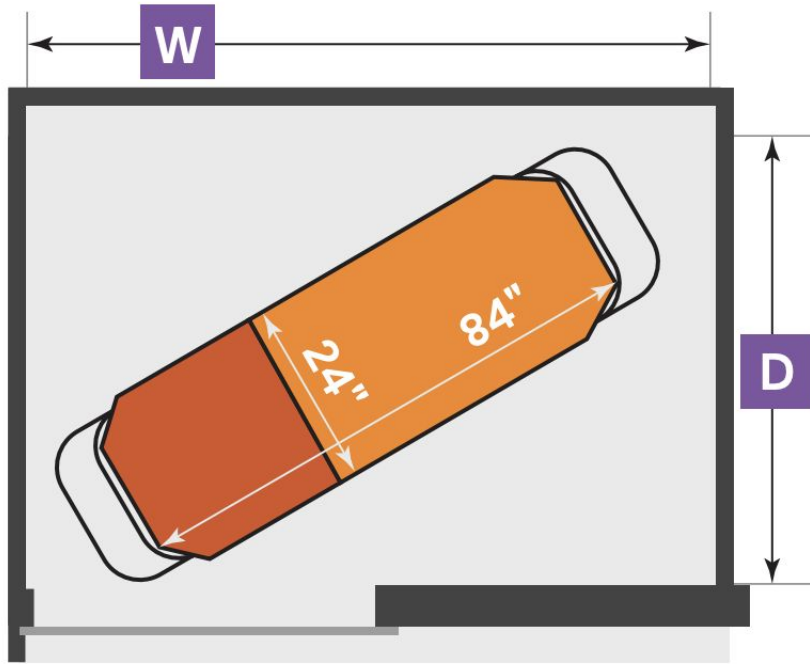
# Massive elevator cost gap



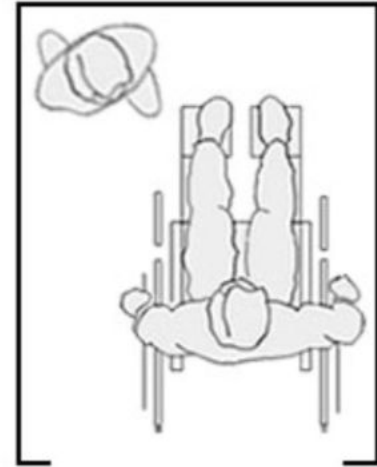
Produit	Prix
Schindler 3300 de	30'500.00 CHF
Schindler 3300 de	30'500.00 CHF
es, telles que rabais, escompte, prorata, assurance,	61'000.00 CHF
	4'697.00 CHF
	65'697.00 CHF

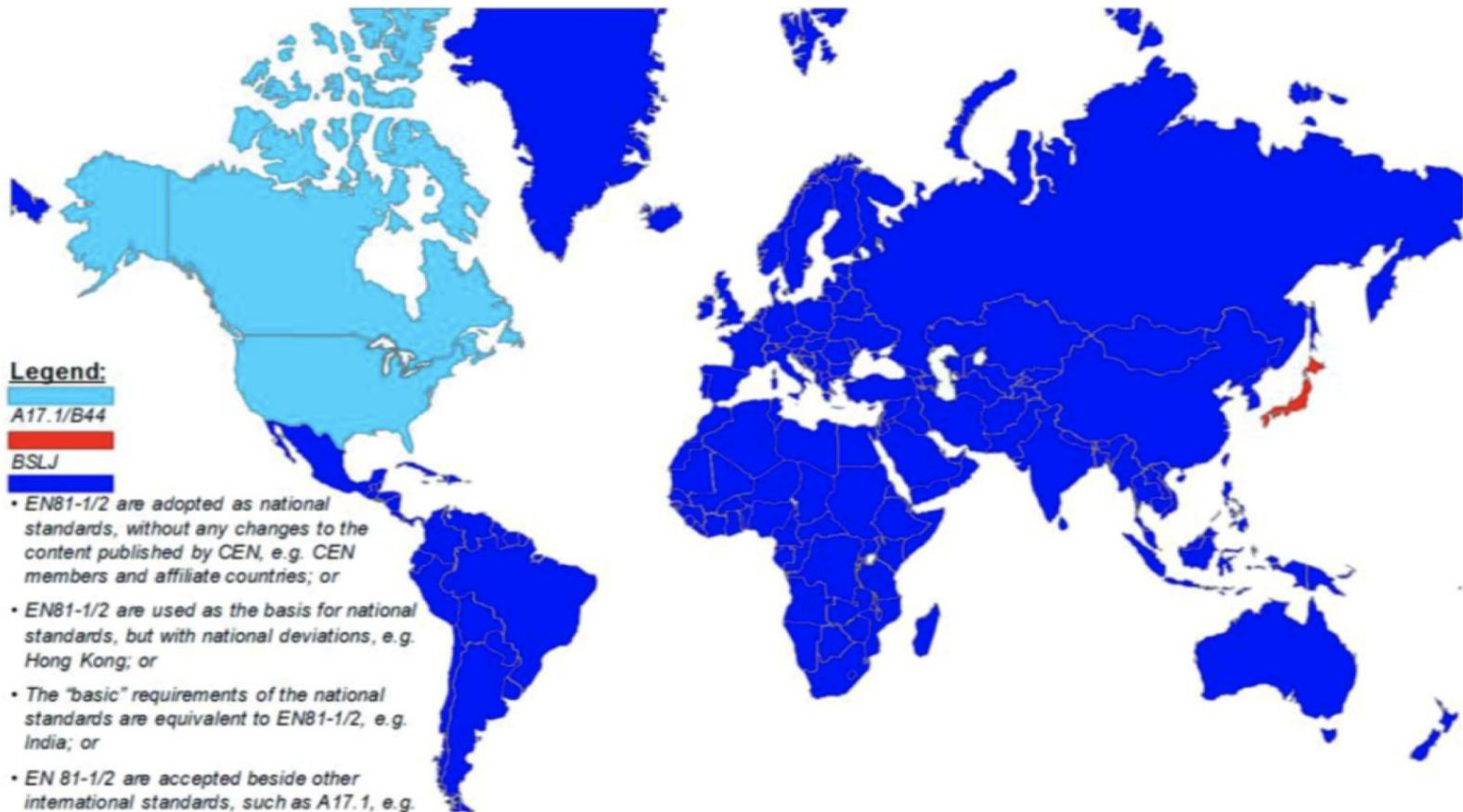
three (3) KONE MRL gearless traction elevators for the sum of **\$529,700.00**.

US/Canada:  
3,500 lbs.  
1,588 kg



Europe:  
1,389 lbs.  
630 kg





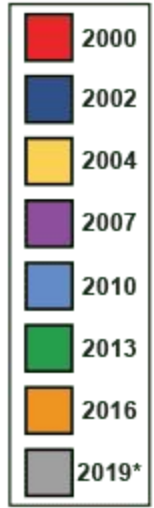
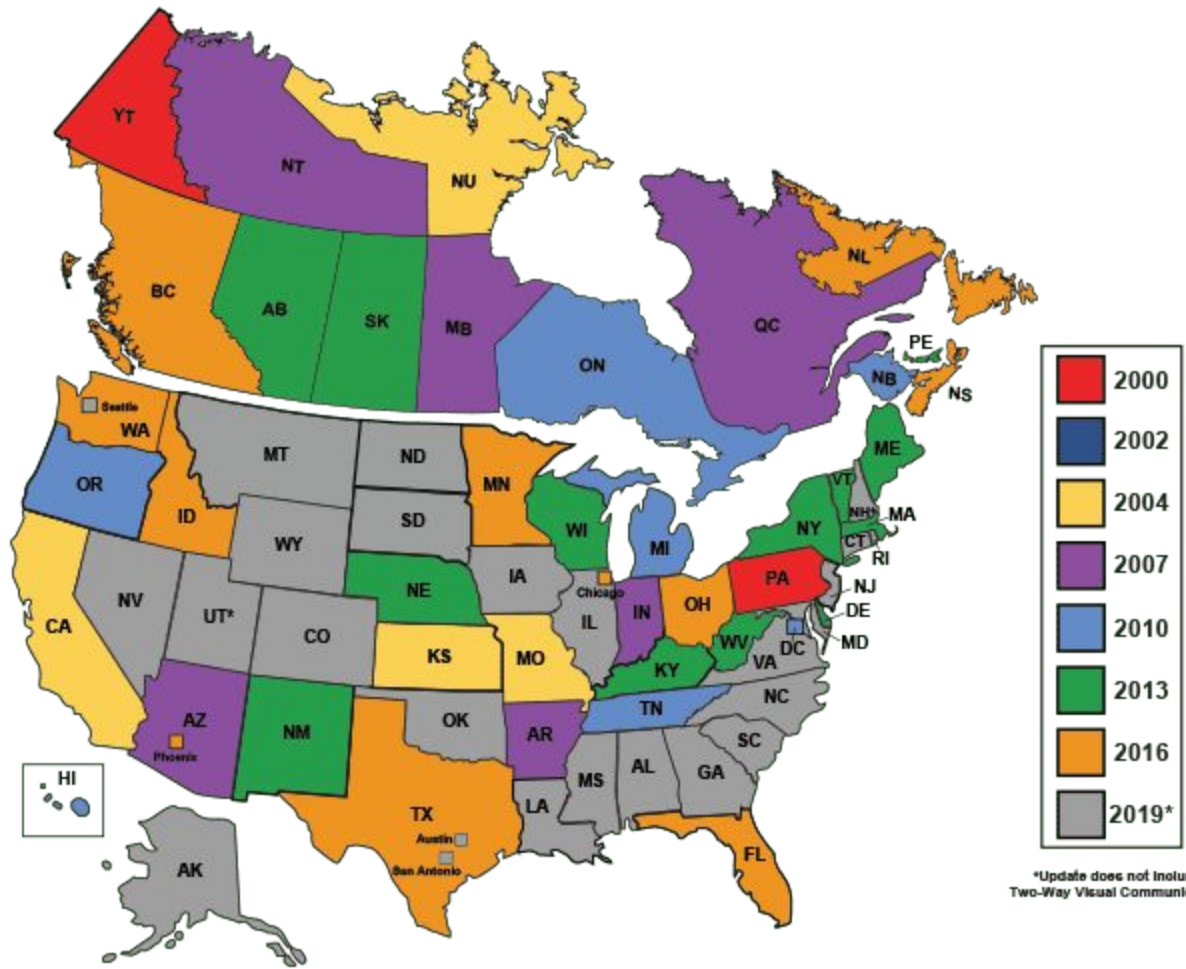
**Legend:**

A17.1/B44

BSLJ

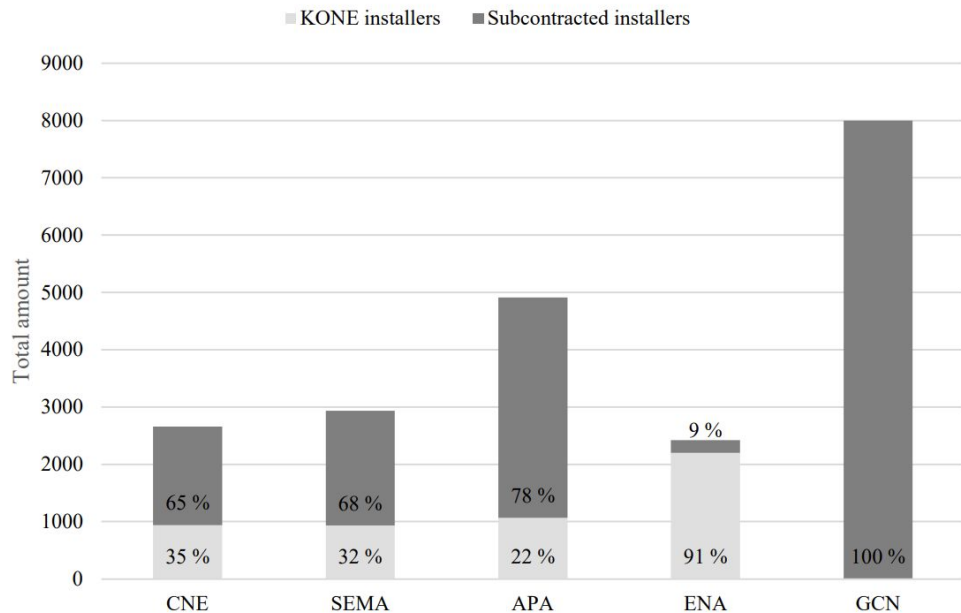
EN 81-1/2

- EN81-1/2 are adopted as national standards, without any changes to the content published by CEN, e.g. CEN members and affiliate countries; or
- EN81-1/2 are used as the basis for national standards, but with national deviations, e.g. Hong Kong; or
- The "basic" requirements of the national standards are equivalent to EN81-1/2, e.g. India; or
- EN 81-1/2 are accepted beside other international standards, such as A17.1, e.g. Dubai.



\*Update does not include Two-Way Visual Communication





**Figure 22.** Shares of internal and subcontracted installers in the case company's business areas globally (KONE Corporation, 2020)



## Elevator Montage

April 21 · 🌐

**!!!** Angajam urgent ajutor montaj ascensoare marca Kone per marii ( Oostende, Bruges, Roeselare)

Beneficii:

- \*Salariu 1800 euro net.
- \*Cazare asigurata singur in camera.
- \*Transport asigurat Romania-Belgia si retur.
- \*Bonusuri lunare si trimestriale in functie de rezultate.
- \*Asigurare de sanatate privata.
- \*Cursuri si pregatire pentru a devenii montator

Cerinte:

- \*Cunostiinte de limba engleza sau franceza
- \*Apt de lucru si la efort fizic.
- \*Permis de conducere prezinta avantaj:

**!!!** INCEPERE ACTIVITATE CU 1 MAI **!!!**

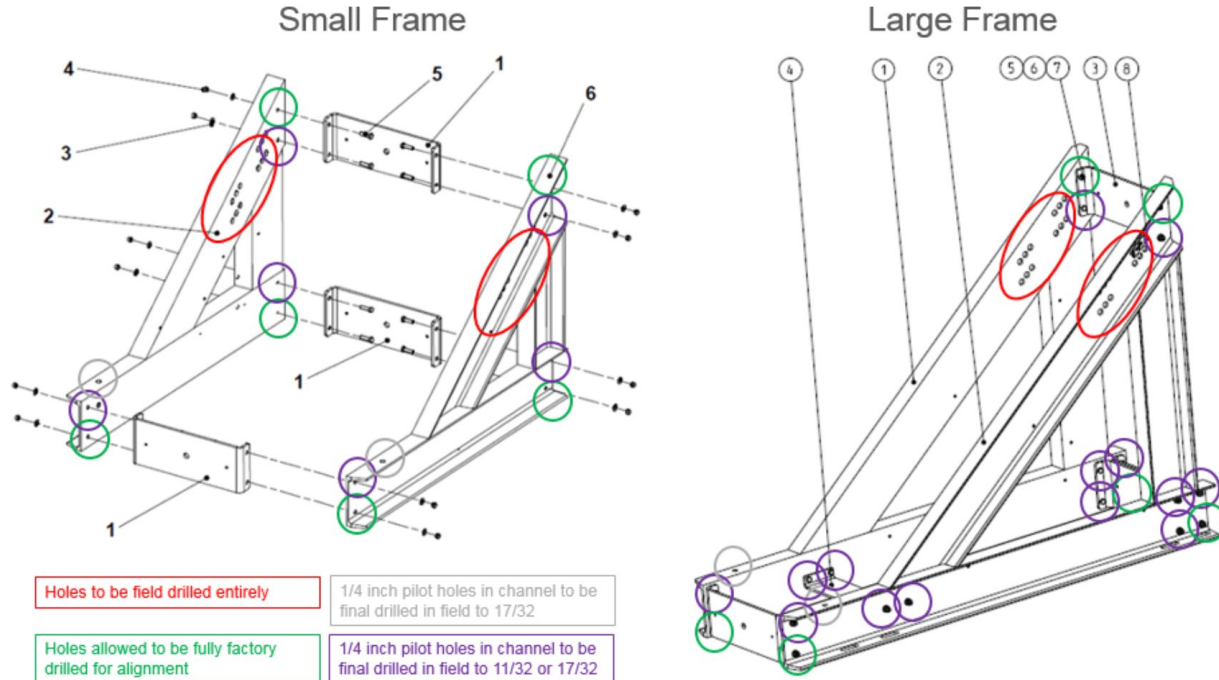
10) Labor Rates: Our included proposal scope includes installation of all equipment during the normal, straight time hours of the elevator trade. Work performed outside of the base Proposal work will be performed at the following rates:

Mechanic [Regular Hours]- \$208.00/ Hour

Team [Regular Hours]- \$345.00/ Hour

Mechanic [Overtime Hours]- \$380.00/ Hour

Team [Overtime Hours]- \$626.00/ Hour



# Consequences of high costs: no elevators



...and fewer elevators

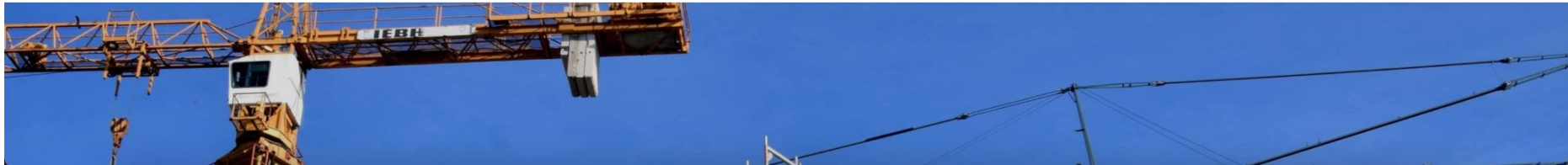


# ...and definitely no retrofitted ones!



è costata circa 200.000 euro

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