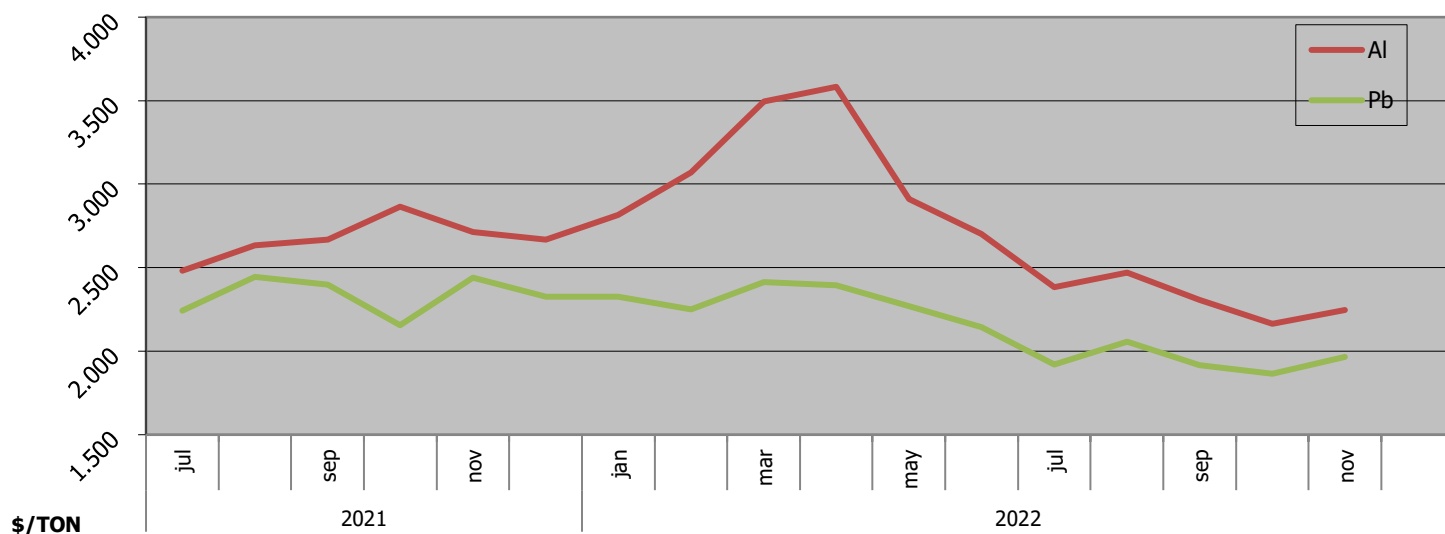
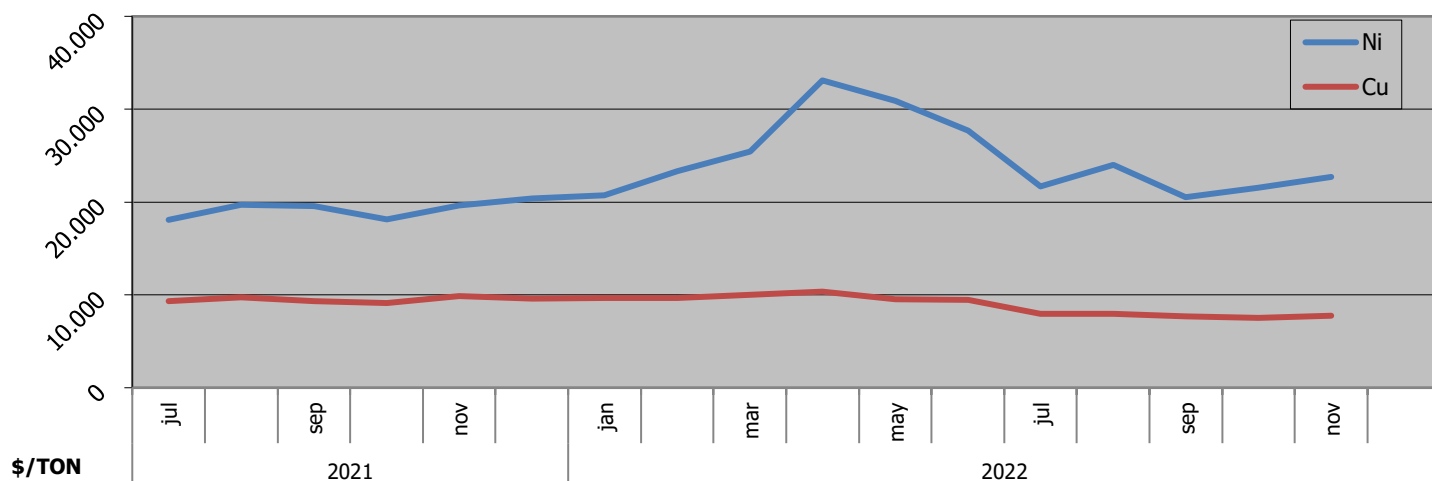
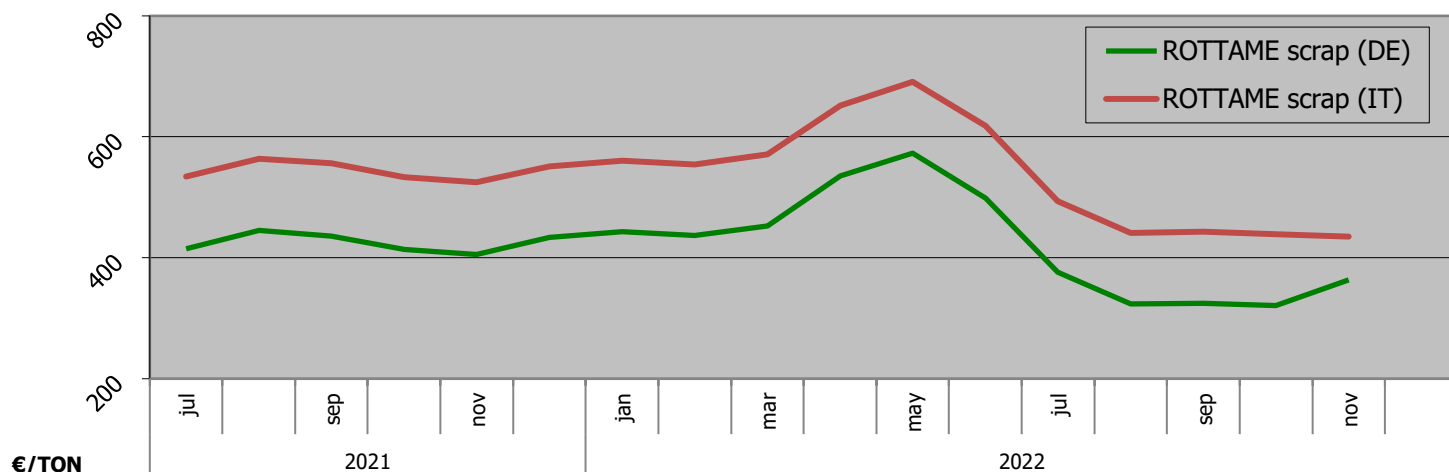


**OSCILLAZIONE DEL ROTTAME E DI ALCUNI ELEMENTI DI LEGA (base LME di Londra)**  
**FLUCTUATION OF SCRAP (DE/IT) AND OF SOME ALLOYING ELEMENTS (based on London's LME)**  
**NOVEMBRE / NOVEMBER 2022**



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| valore value              | unità unit    | 2021   |        |        |        |        |        | 2022   |        |        |        |        |        |        |        |        |        |        |     |
|---------------------------|---------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-----|
|                           |               | jul    | aug    | sep    | oct    | nov    | dec    | jan    | feb    | mar    | apr    | may    | jun    | jul    | aug    | sep    | oct    | nov    | dec |
| <b>ROTTAME scrap (DE)</b> | <b>€/Ton</b>  | 415    | 445    | 436    | 414    | 405    | 434    | 443    | 437    | 453    | 535    | 573    | 499    | 376    | 324    | 325    | 321    | 364    |     |
| <b>ROTTAME scrap (IT)</b> | <b>€/Ton</b>  | 534    | 564    | 556    | 533    | 525    | 551    | 561    | 554    | 571    | 652    | 691    | 618    | 493    | 441    | 443    | 439    | 435    |     |
| <b>Ni</b>                 | <b>\$/TON</b> | 18.082 | 19.725 | 19.541 | 18.125 | 19.650 | 20.410 | 20.730 | 23.300 | 25.450 | 33.100 | 30.910 | 27.710 | 21.650 | 24.025 | 20.525 | 21.575 | 22.705 |     |
| <b>Cu</b>                 | <b>\$/TON</b> | 9.342  | 9.737  | 9.312  | 9.113  | 9.875  | 9.571  | 9.660  | 9.701  | 9.976  | 10.350 | 9.511  | 9.455  | 7.975  | 7.930  | 7.702  | 7.524  | 7.745  |     |
| <b>Al</b>                 | <b>\$/TON</b> | 2.481  | 2.635  | 2.667  | 2.865  | 2.713  | 2.669  | 2.815  | 3.072  | 3.495  | 3.583  | 2.911  | 2.701  | 2.384  | 2.469  | 2.306  | 2.164  | 2.245  |     |
| <b>Pb</b>                 | <b>\$/TON</b> | 2.242  | 2.445  | 2.400  | 2.155  | 2.440  | 2.325  | 2.327  | 2.250  | 2.413  | 2.394  | 2.268  | 2.143  | 1.919  | 2.057  | 1.915  | 1.865  | 1.966  |     |

**I valori degli elementi di lega sono espressi in \$/TON, e rappresentano il valore ufficiale all'LME di Londra al primo giorno lavorativo del mese di riferimento.**

**The values of alloying elements are indicated in \$/TON, and represent the official value at London's LME on the first working day of the month.**

**Dove i campi sono vuoti i valori ufficiali non sono stati ancora pubblicati e verranno aggiornati appena disponibili.**

**Where fields are empty the official values have not been published yet, and will be updated as soon as they become available.**