

LIFE CDW CIRCLE

VALUE-ADDED RECYCLED MATERIALS FROM CONSTRUCTION AND DEMOLITION WASTE



Francesco Onori, Cavart S.p.A.
26 January 2024, ESEB Auditorium, Brescia

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UNIVERSITÀ
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PRANDELLI
SCAVI - DEMOLIZIONI - BONIFICHE



Come vorremmo fosse conferito il materiale agli impianti di trattamento



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Come realmente viene conferito il materiale da demolizione e costruzione



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Il pre-trattamento con impianti fissi (impianto ROSE)



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Il pre-trattamento con impianti mobili (Gruppo Gatti)



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I materiali da demolizione e/o costruzione dopo il pretrattamento con impianti mobili



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Il prelievo dei campioni per l'analisi



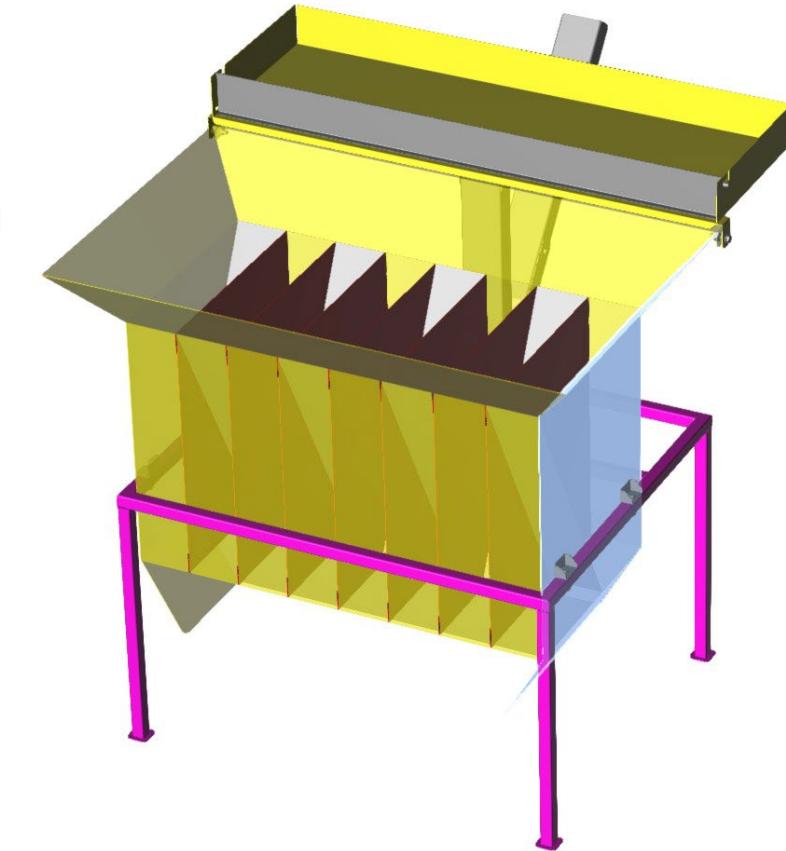
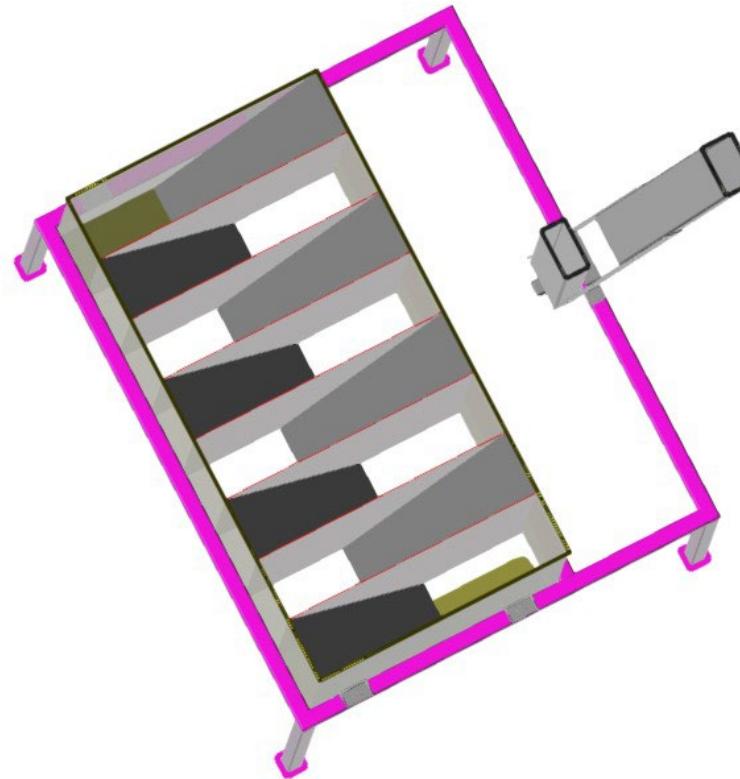
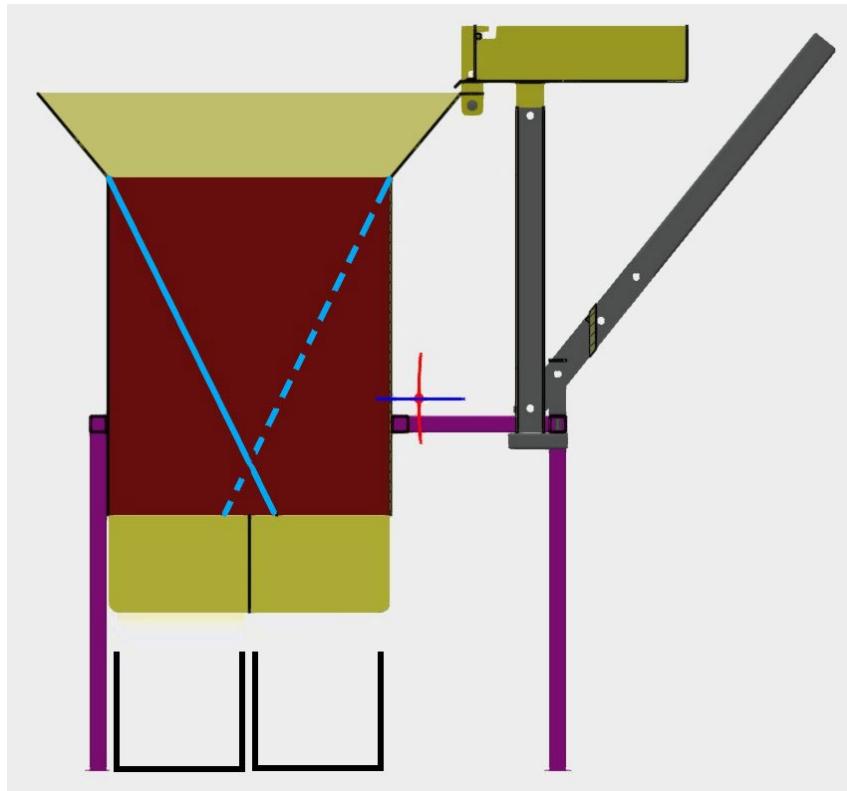
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La riduzione dei campioni prelevati (quartering)



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L'apparecchiatura per la riduzione dei campioni prelevati



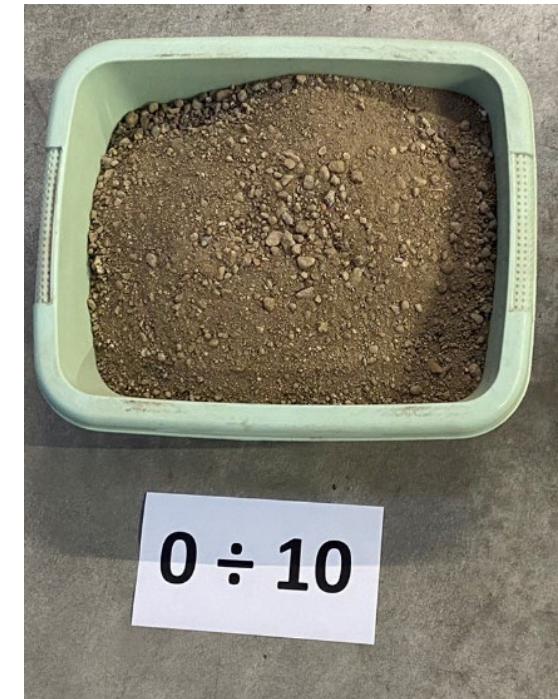
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L'analisi granulometrica



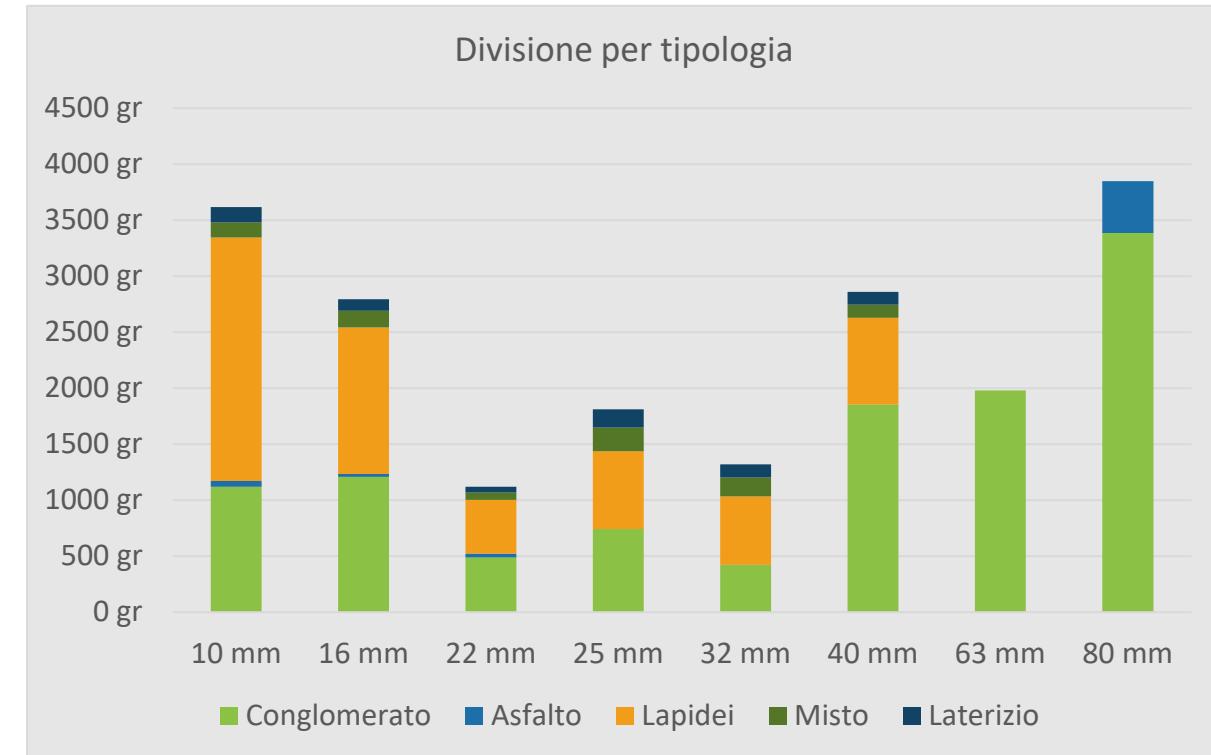
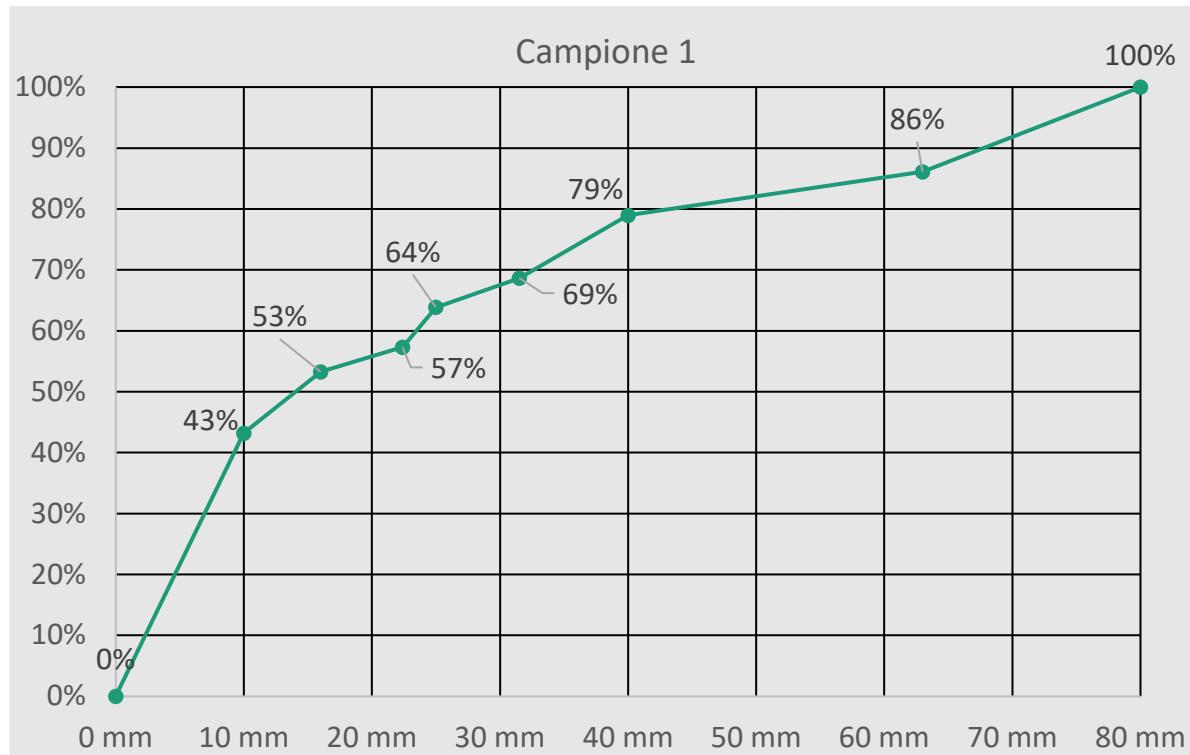
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L'analisi granulometrica

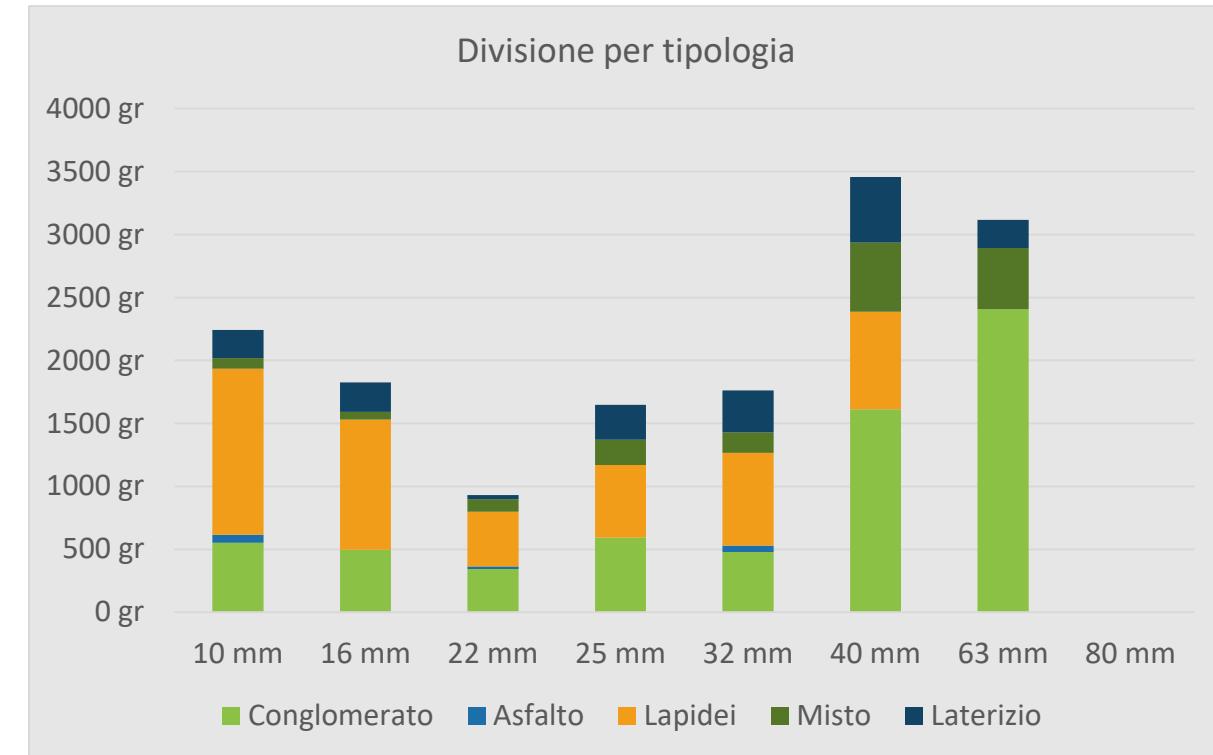
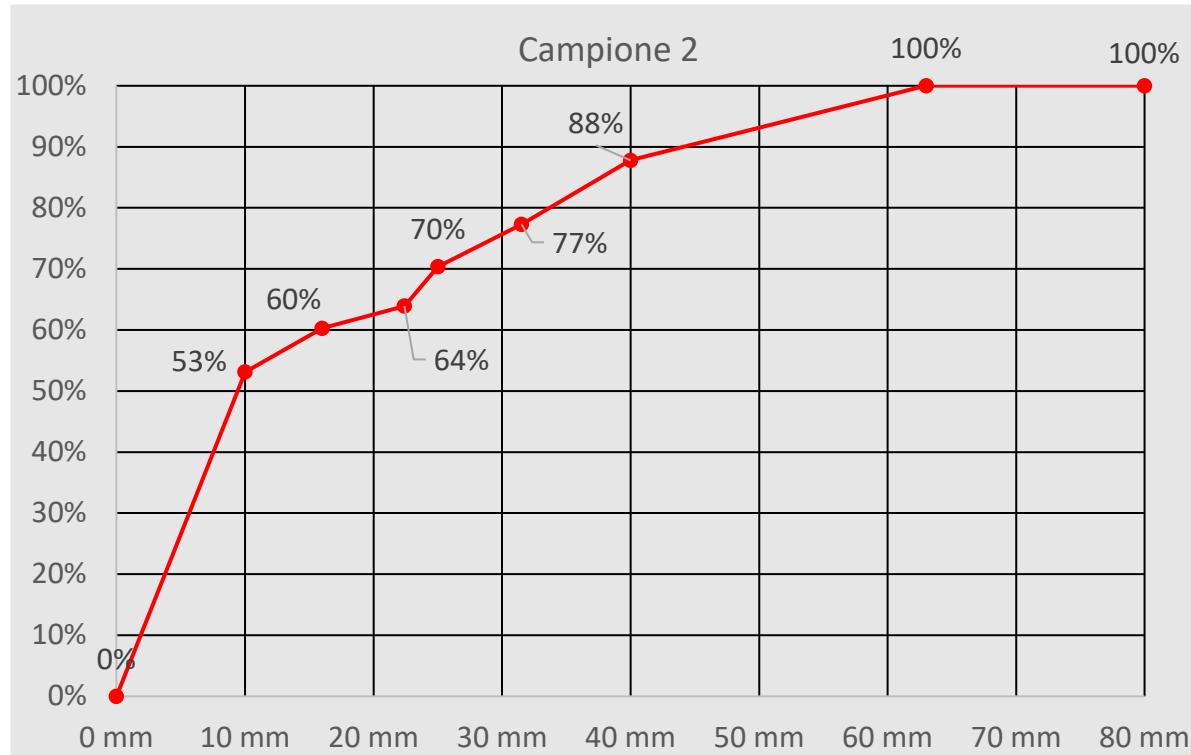


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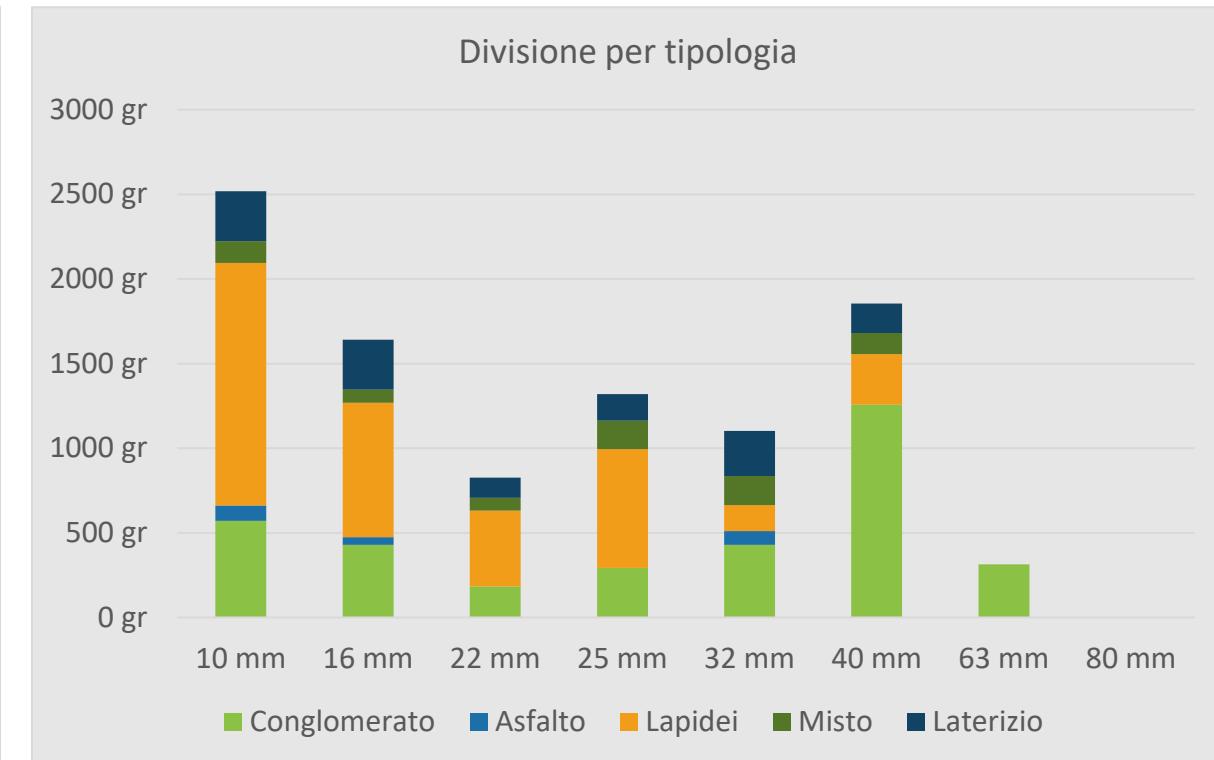
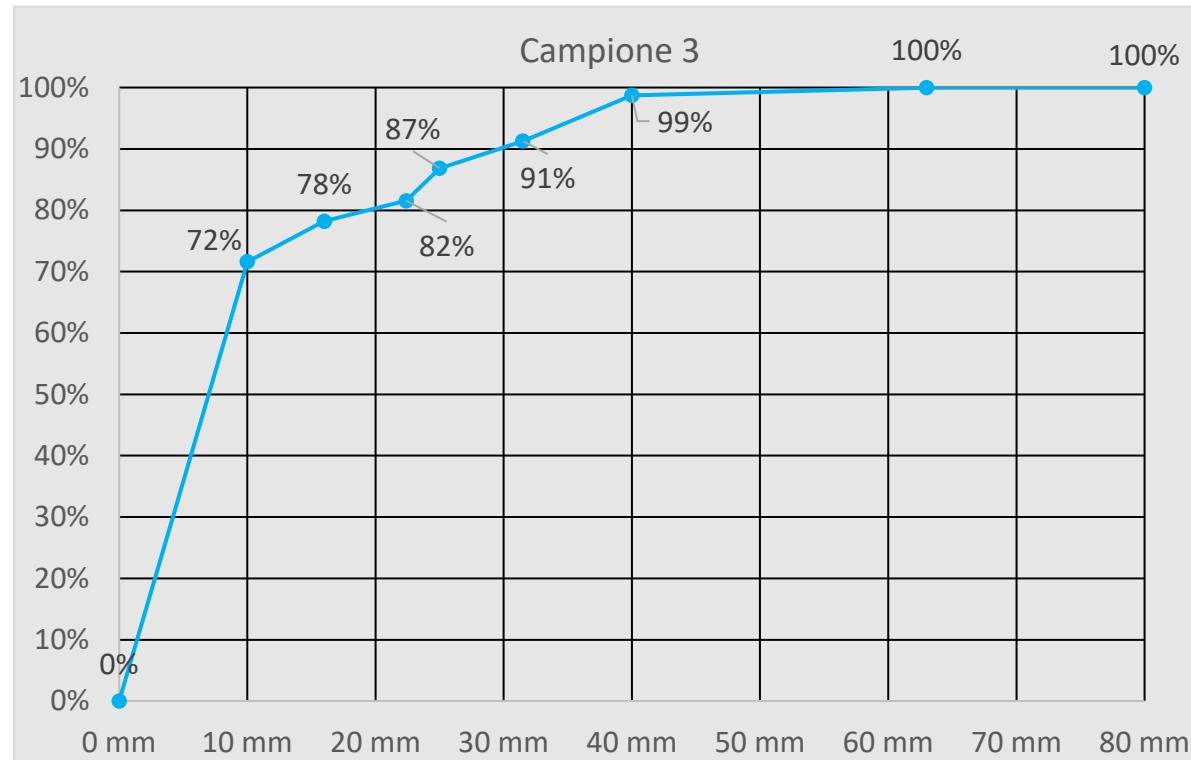
L'analisi granulometrica del campione n.1



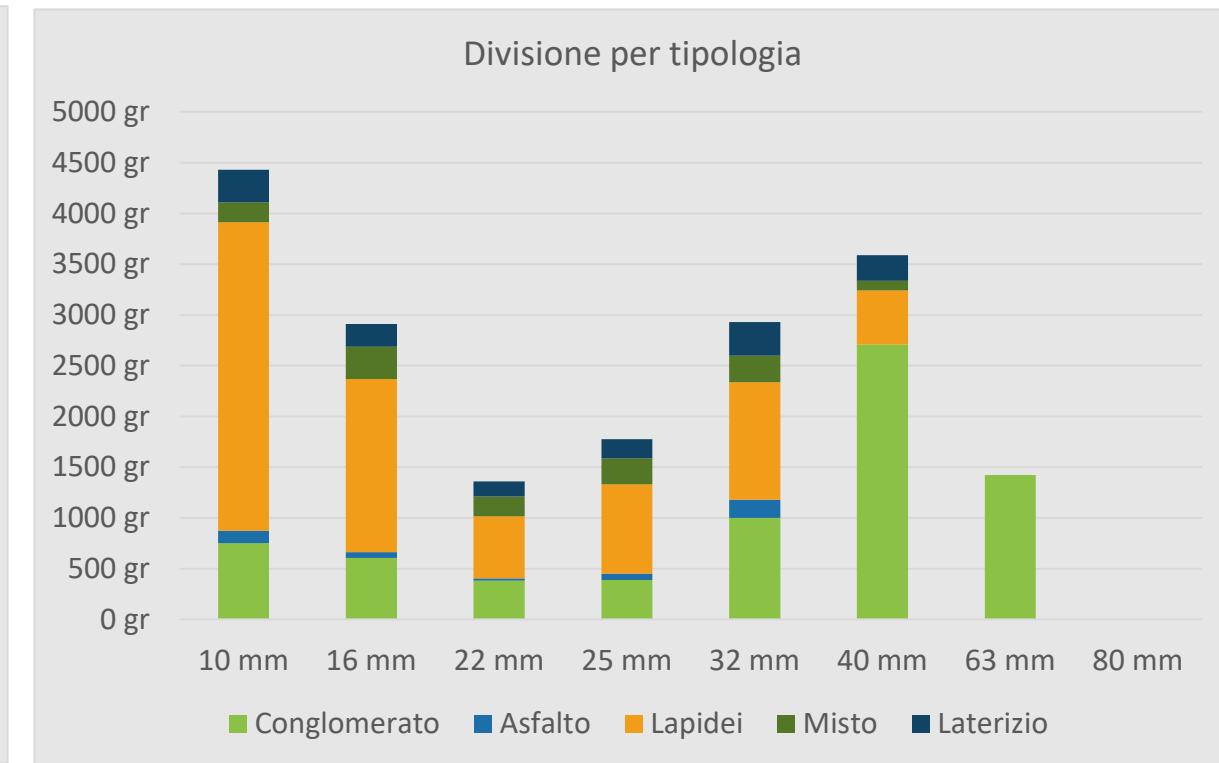
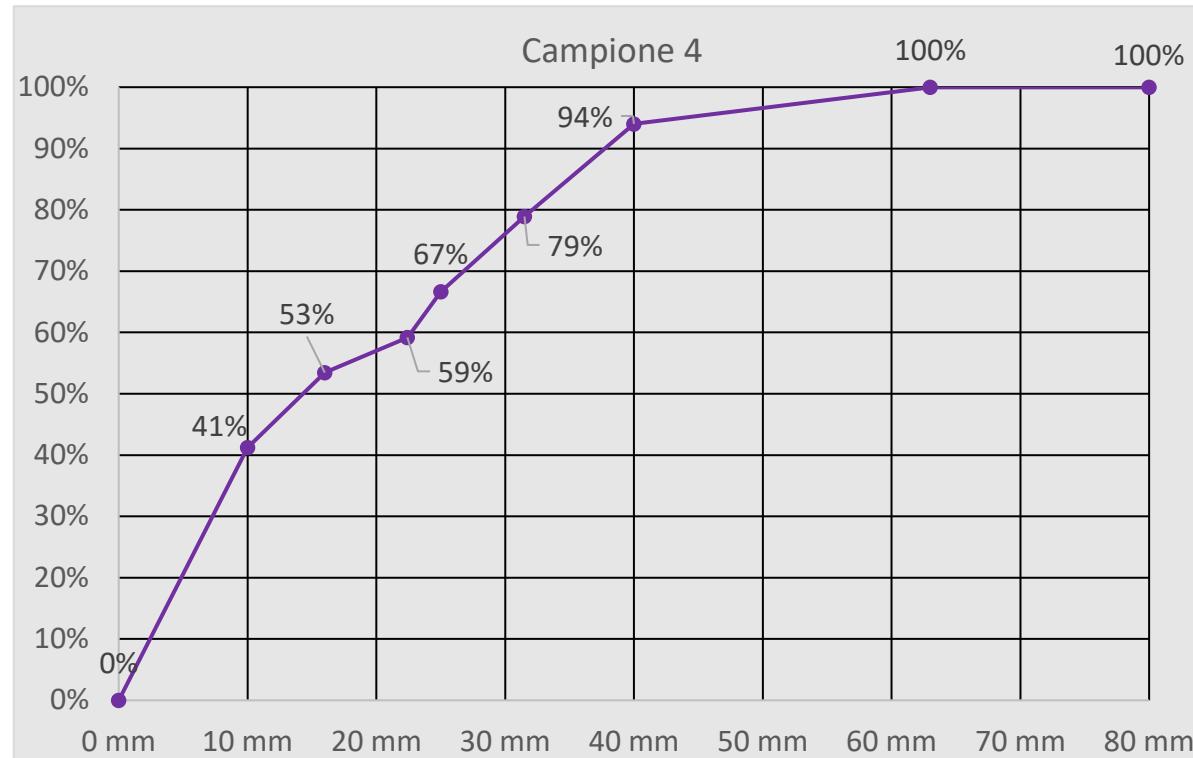
L'analisi granulometrica del campione n.2



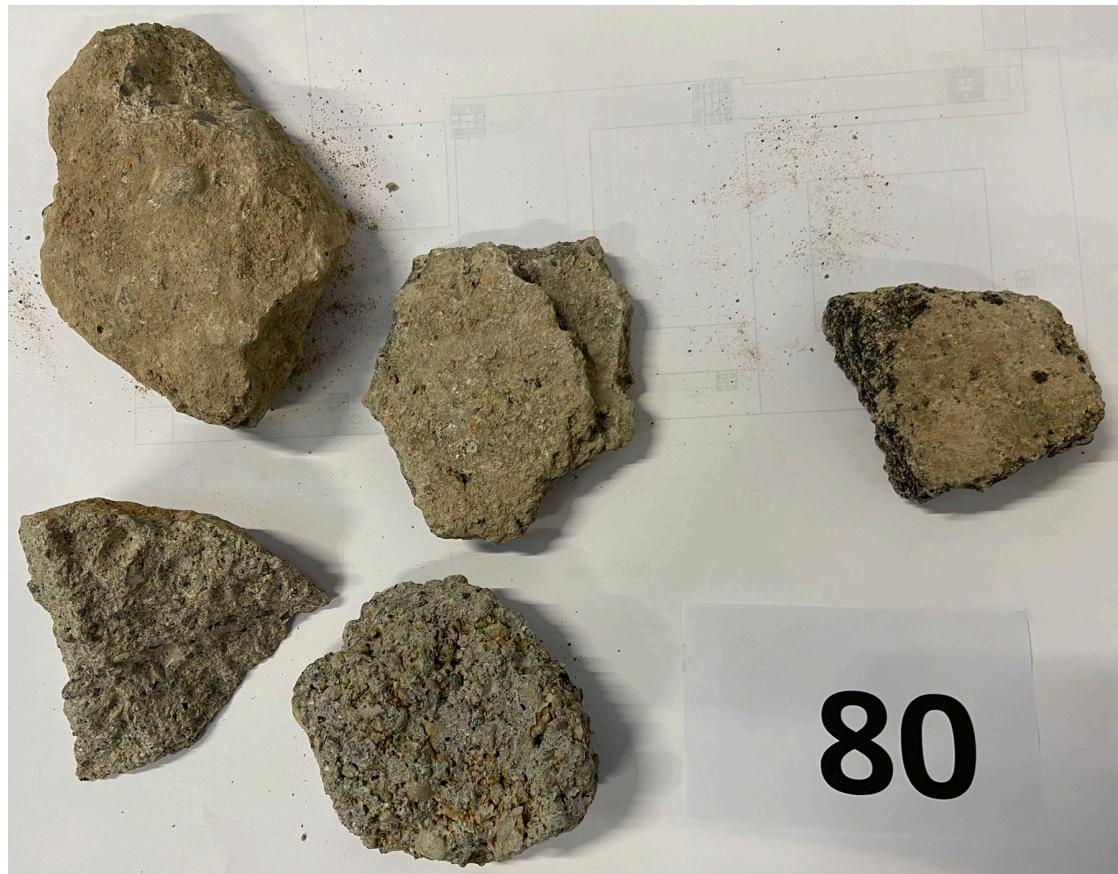
L'analisi granulometrica del campione n.3



L'analisi granulometrica del campione n.4



L'analisi dettagliata dei materiali



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L'analisi dettagliata dei materiali



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L'analisi dettagliata dei materiali



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L'analisi dei materiali conglomerati misti



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Trattamento di monomateriali



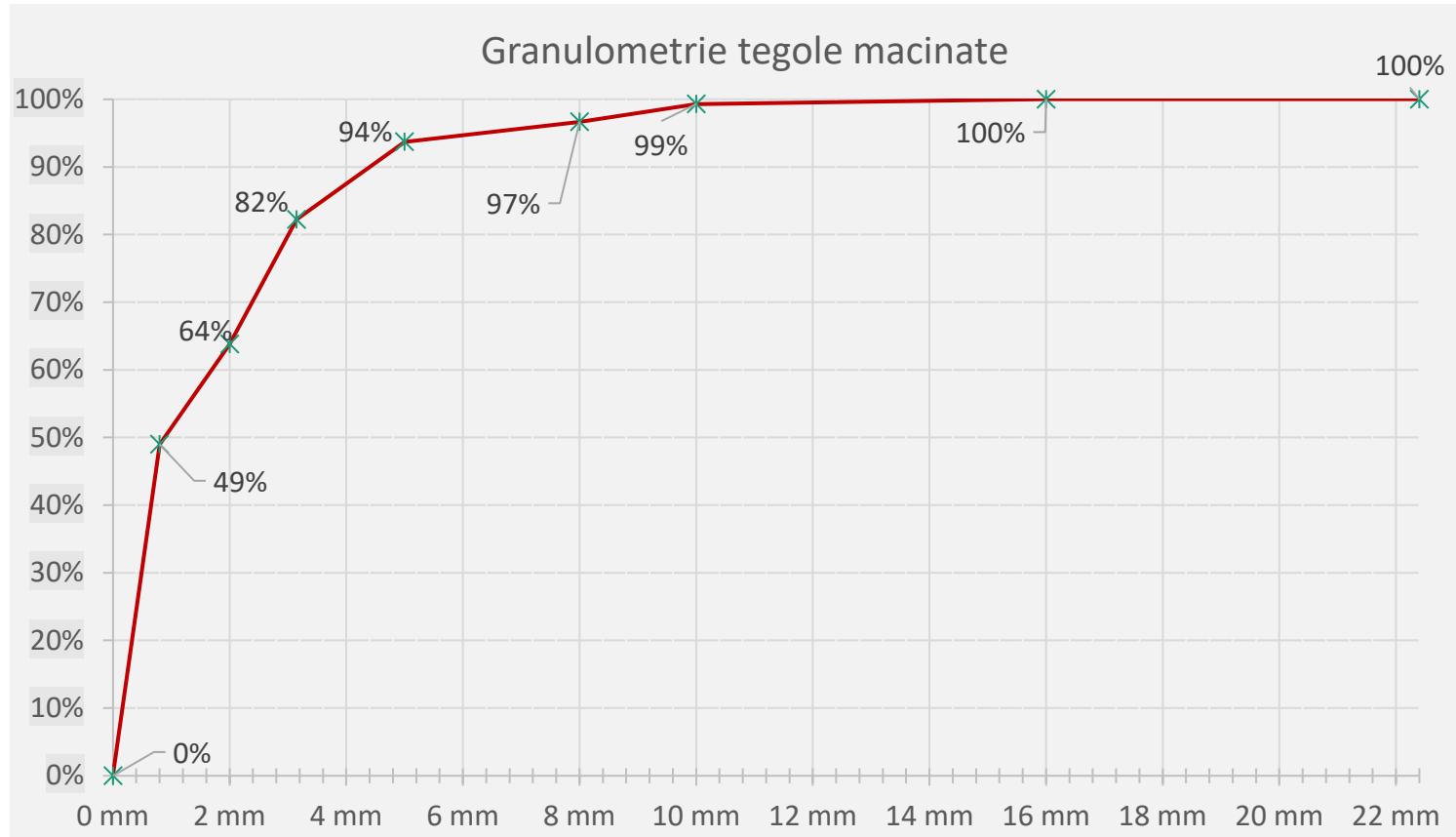
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La macinazione



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Trattamento di monomateriali



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Diagramma di flusso – Parte1

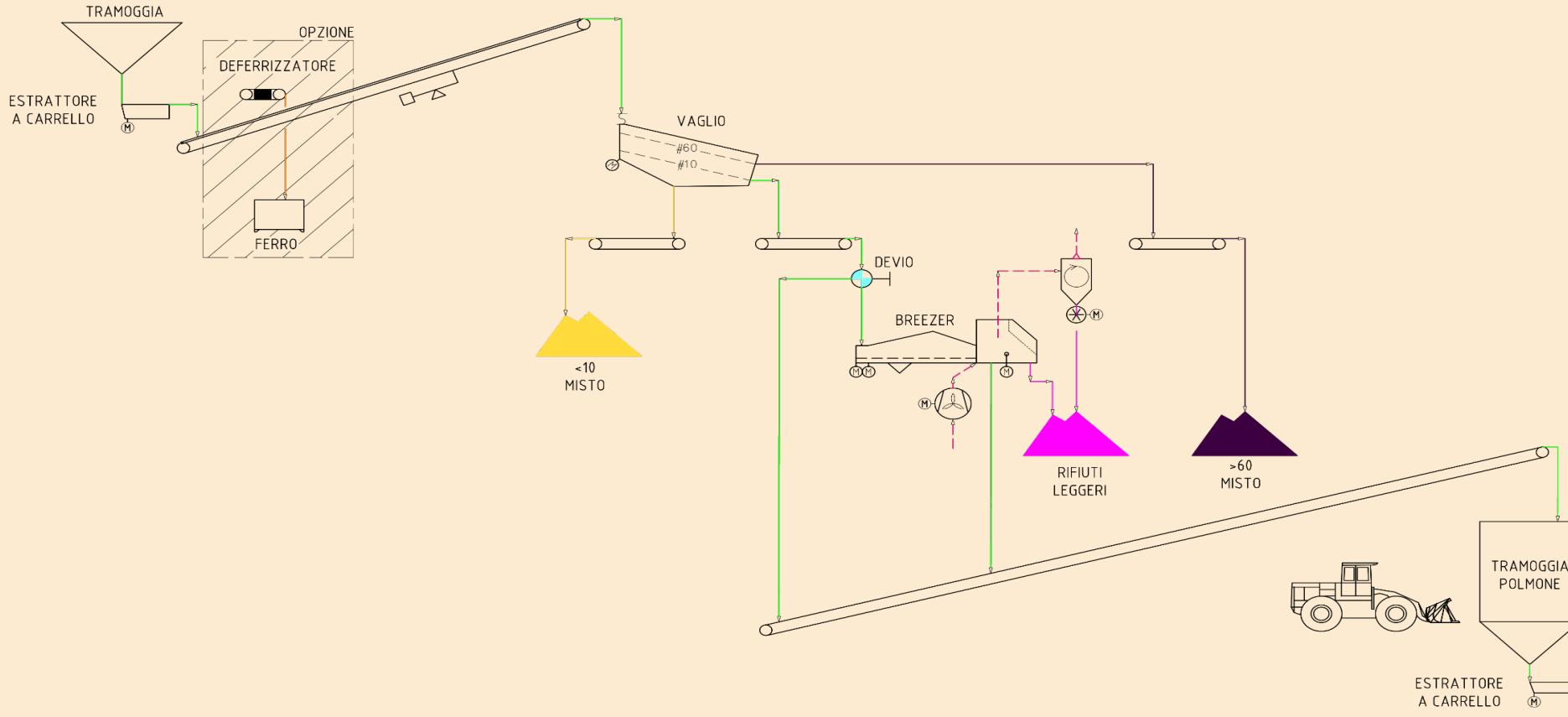
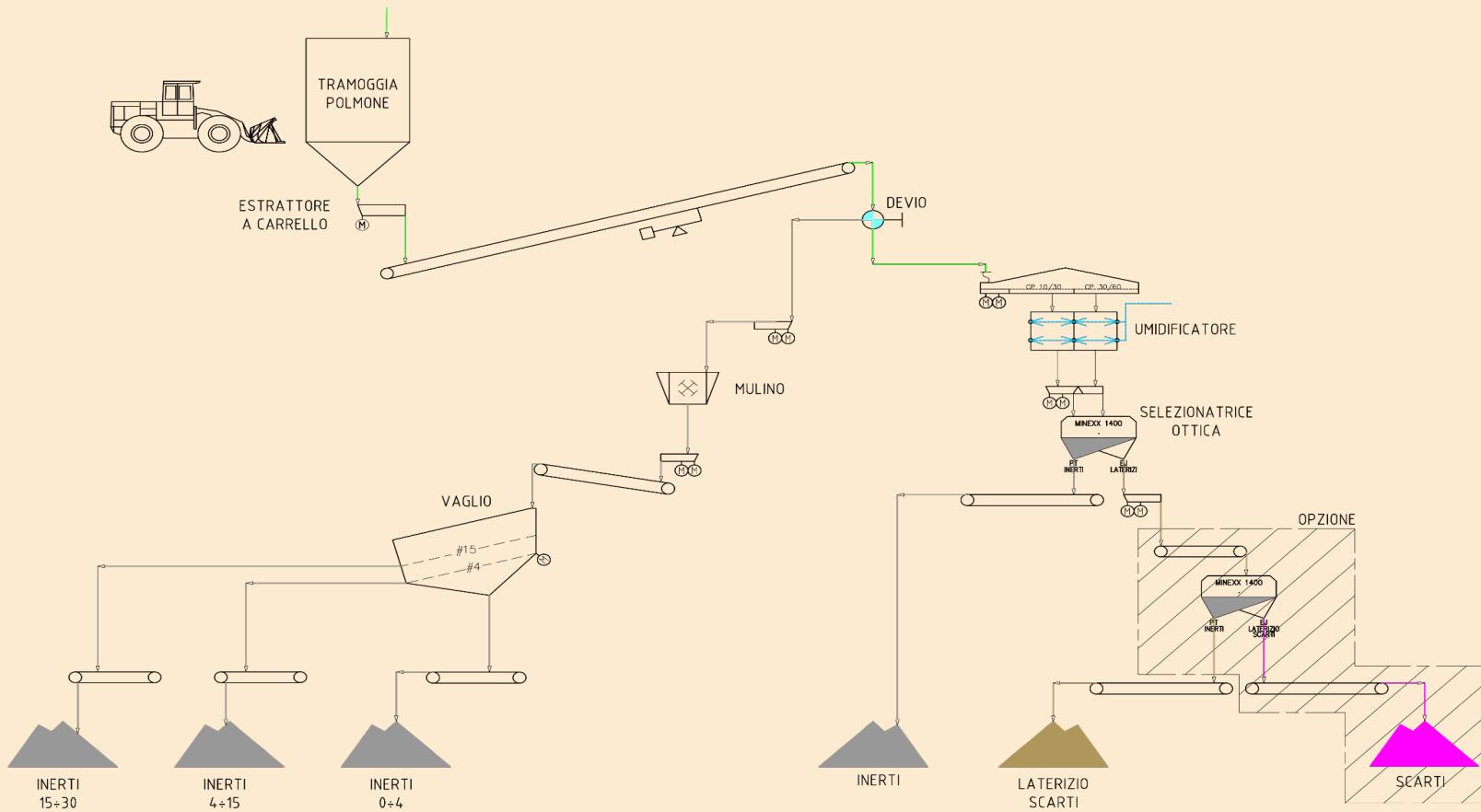
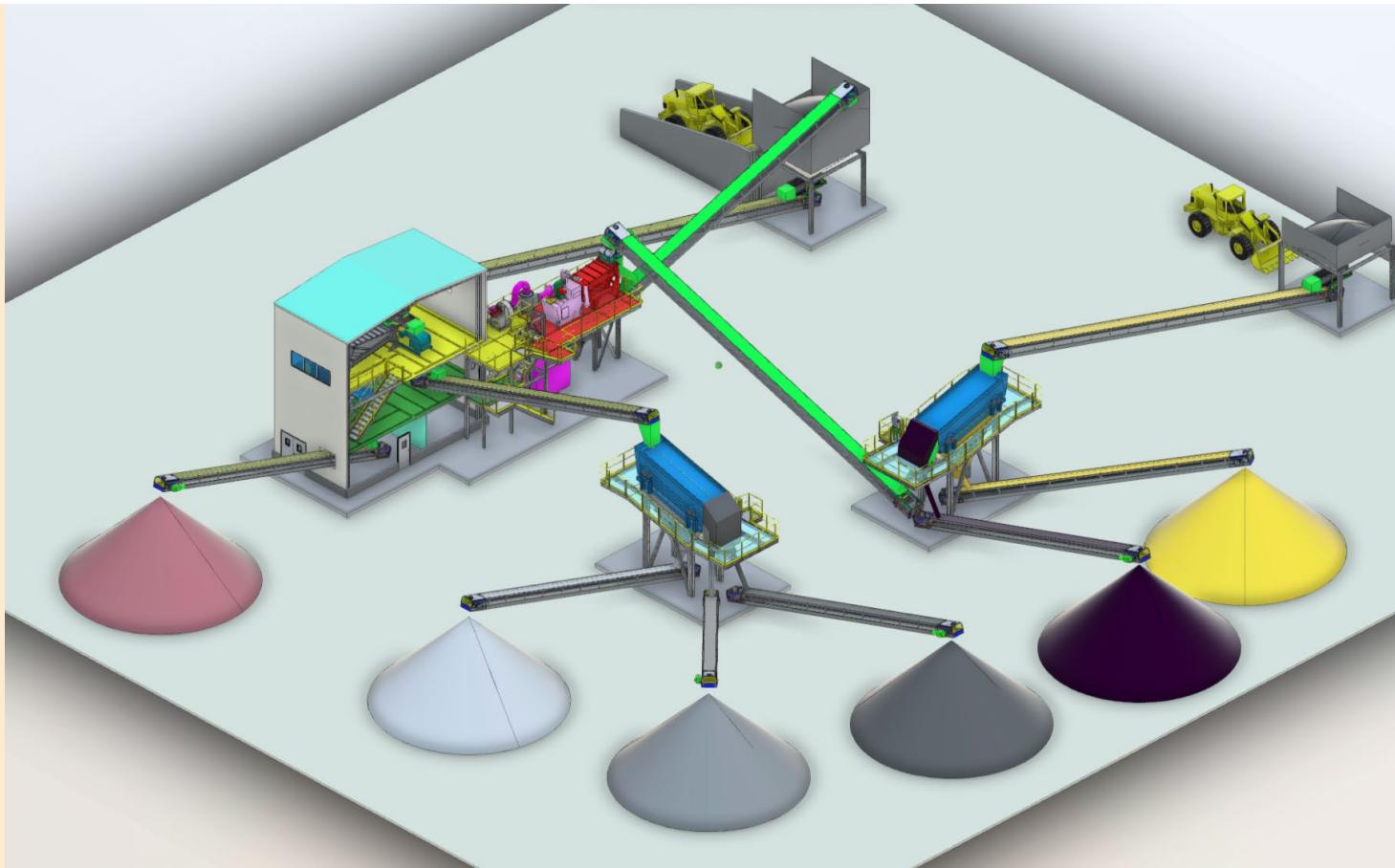


Diagramma di flusso – Parte2



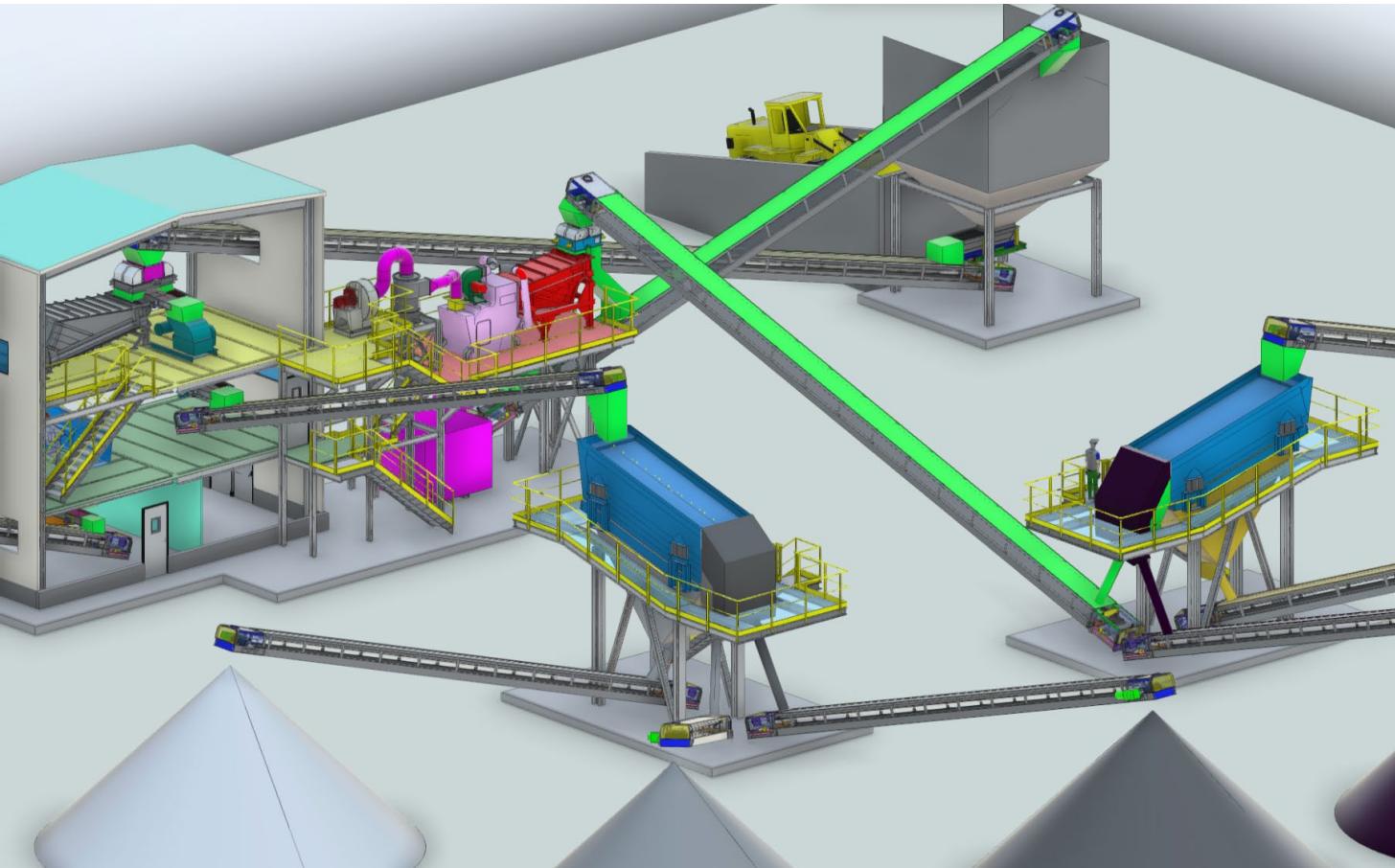
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L' Impianto



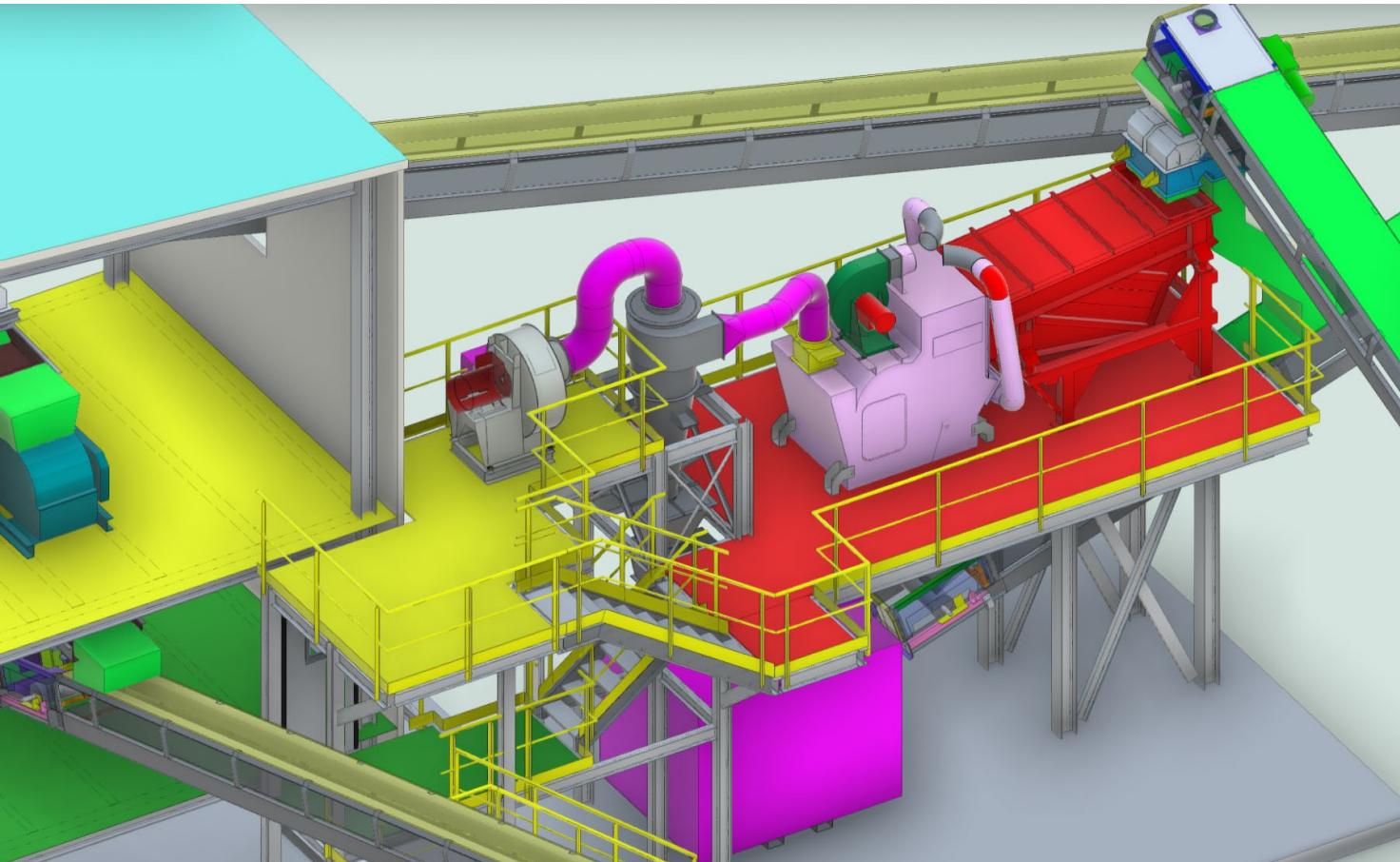
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Macchine di processo



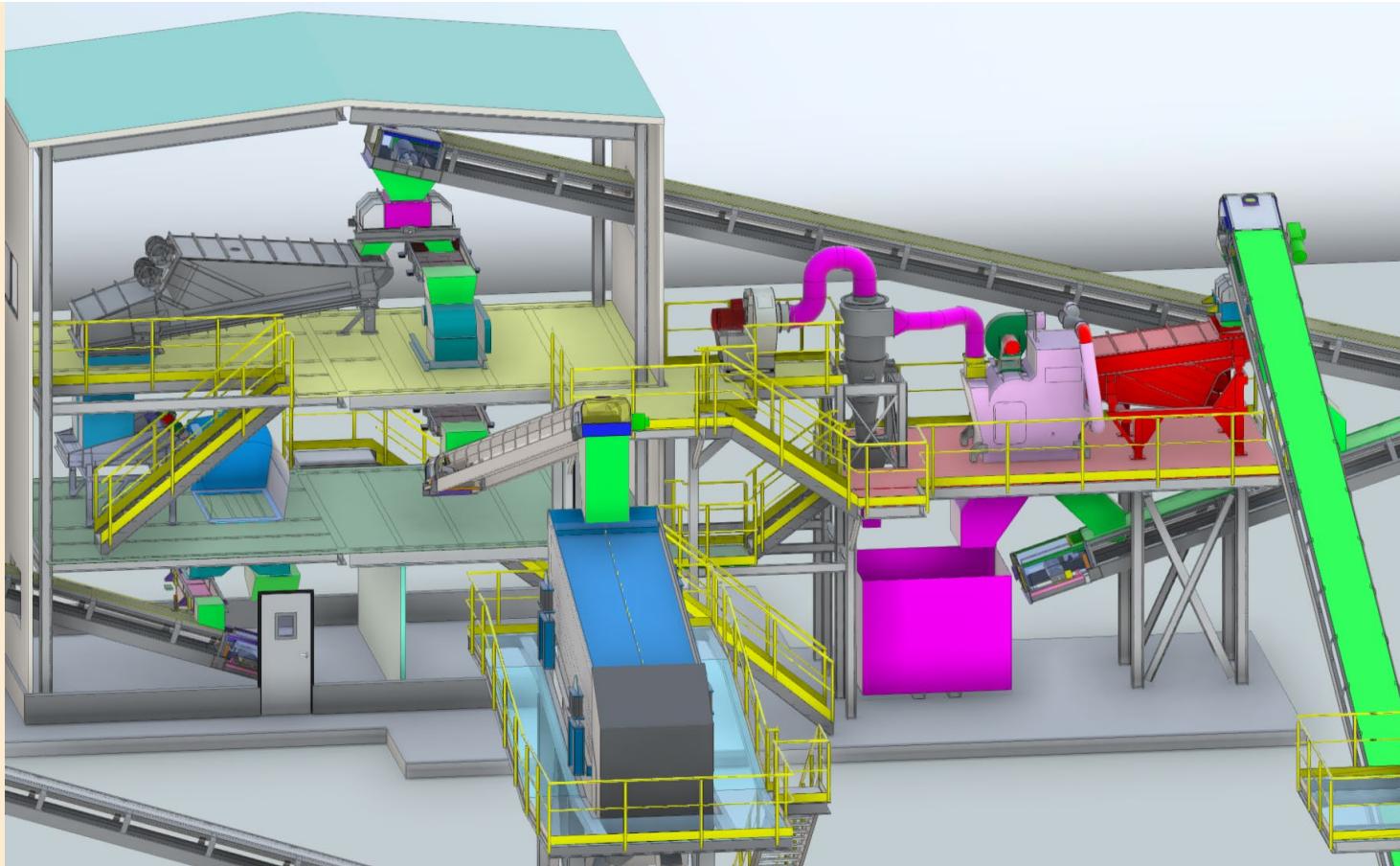
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Macchine di processo



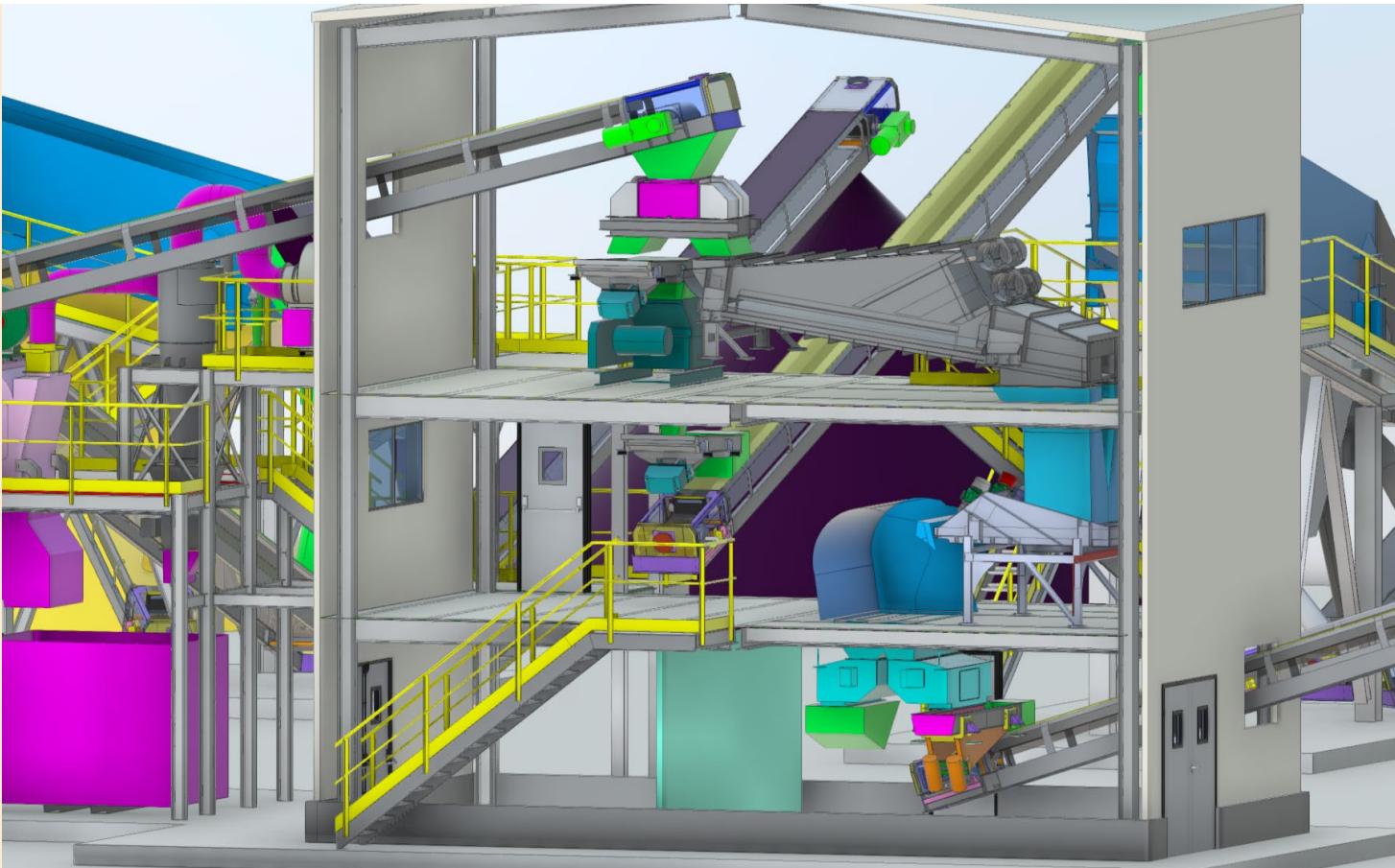
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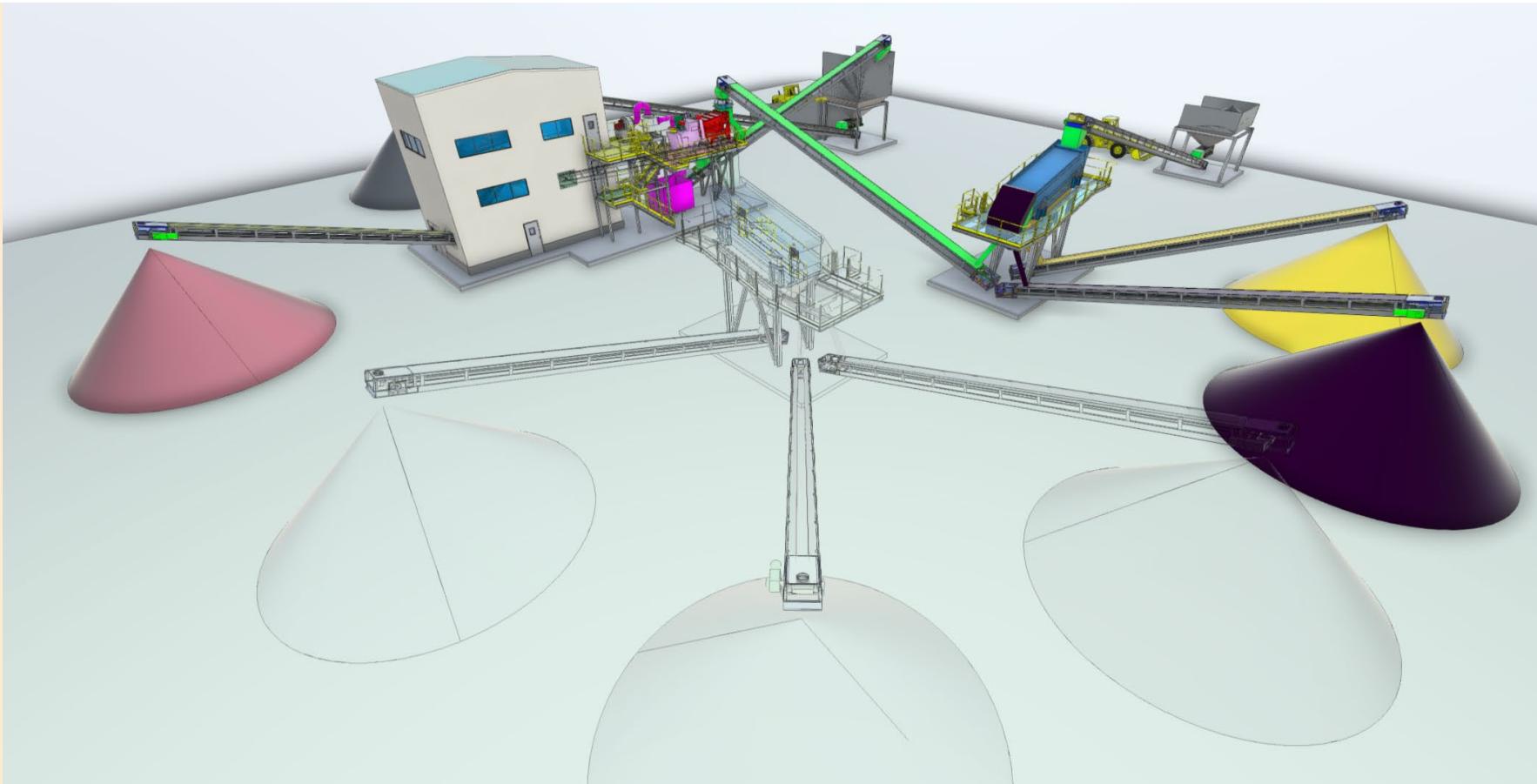
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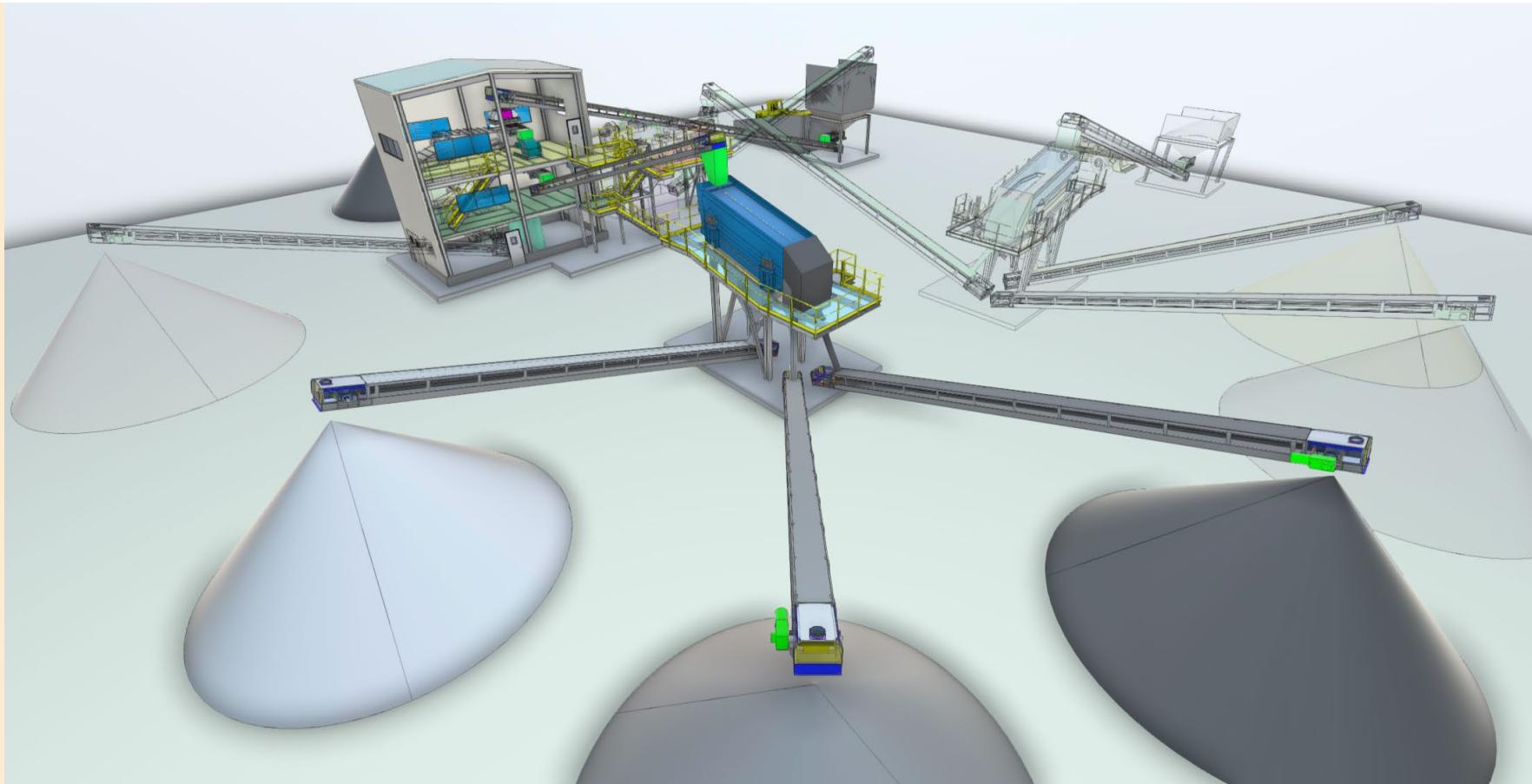
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Prima campagna - Separazione



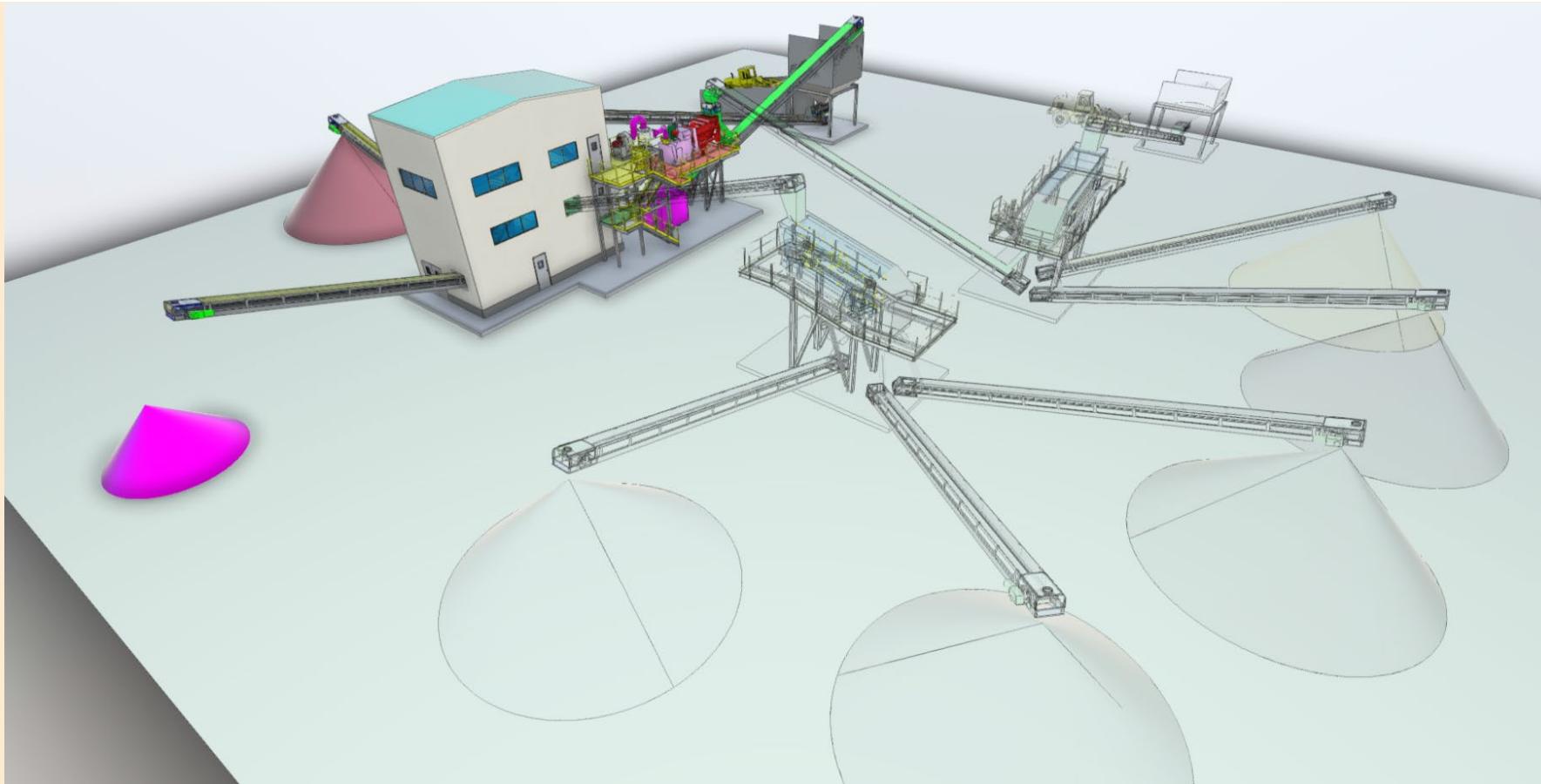
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Seconda campagna – Granulometria inerti



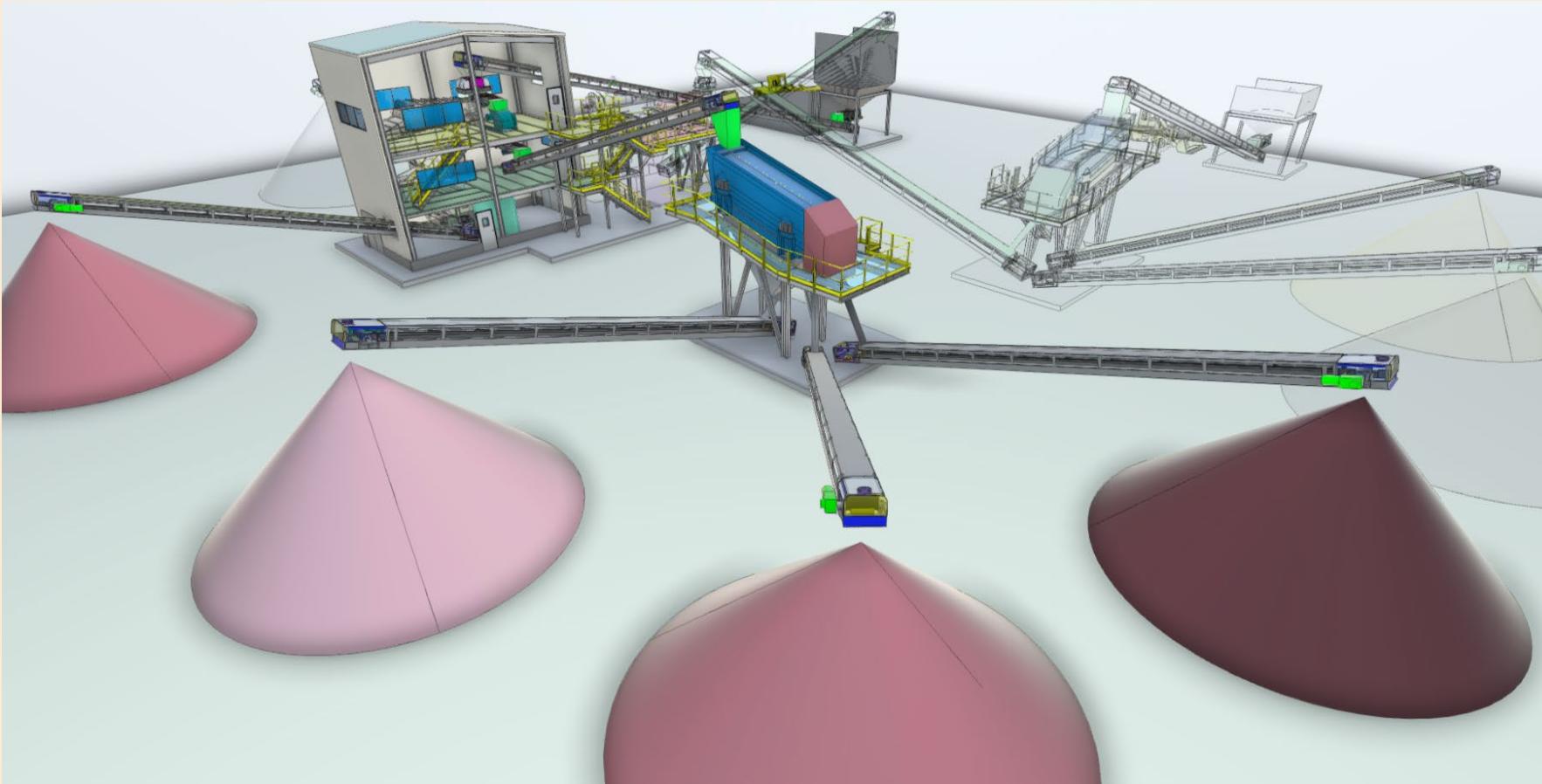
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Terza campagna – Separazione laterizi



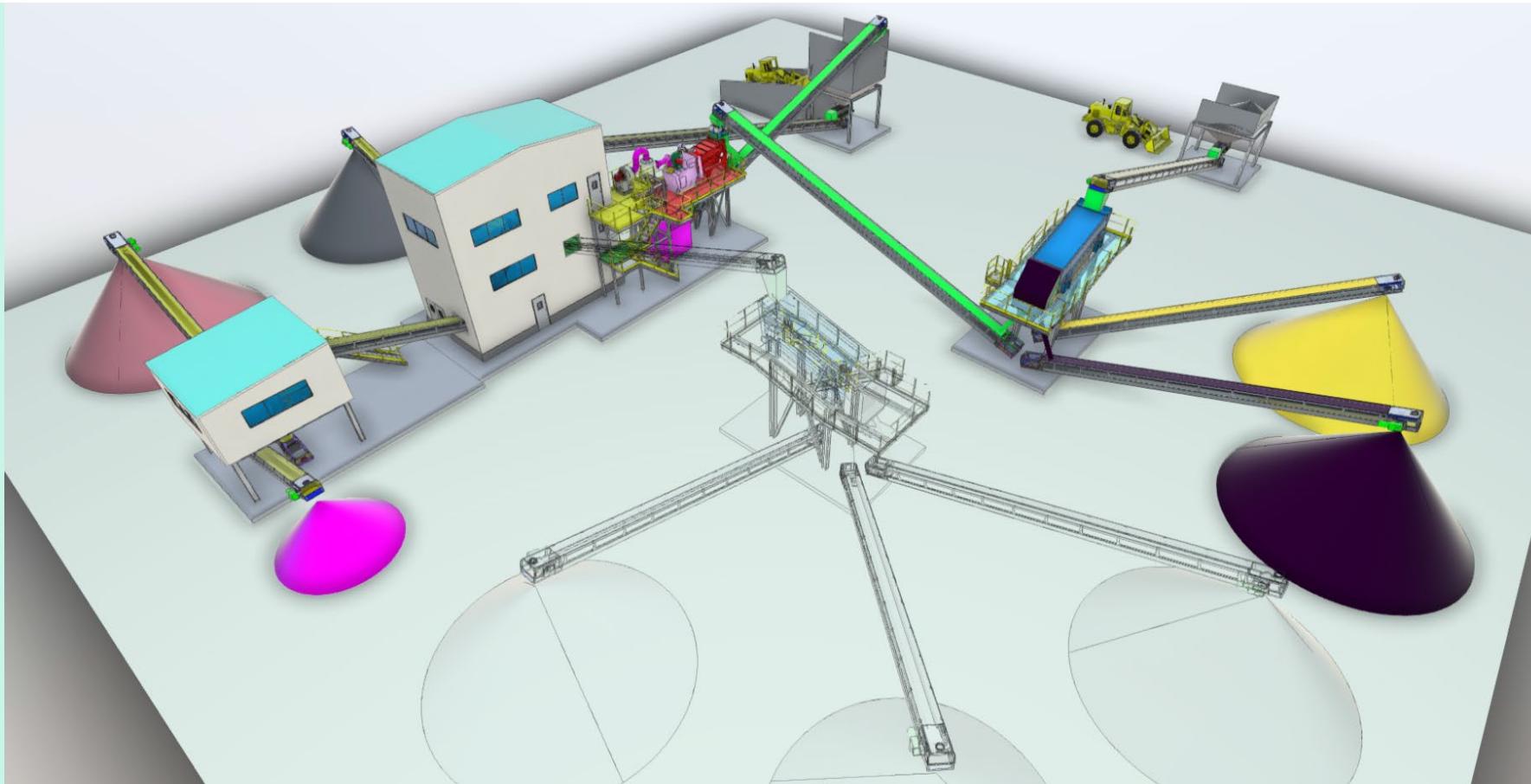
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Quarta campagna – Granulometria laterizi



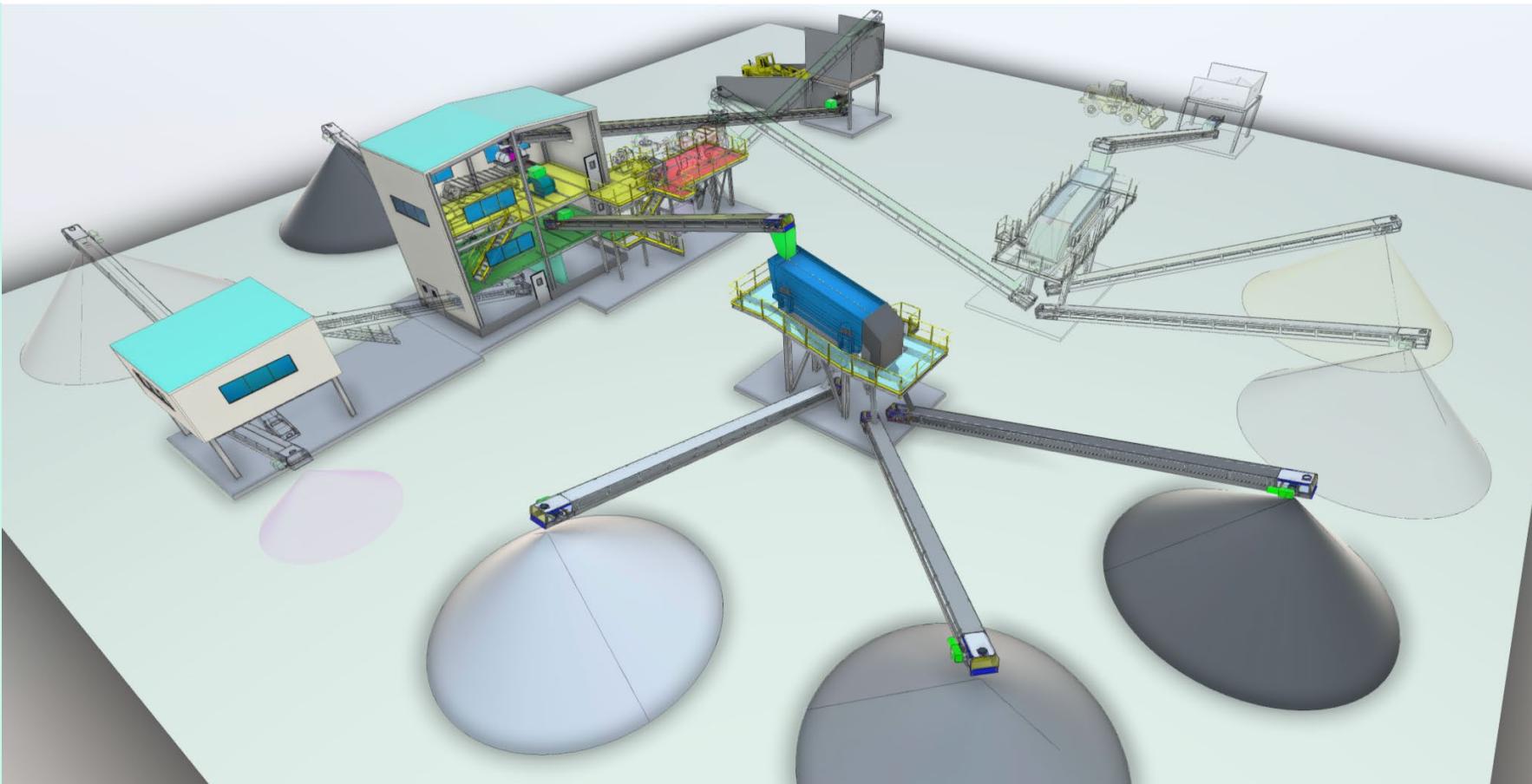
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Seconda opzione futura - Separazione



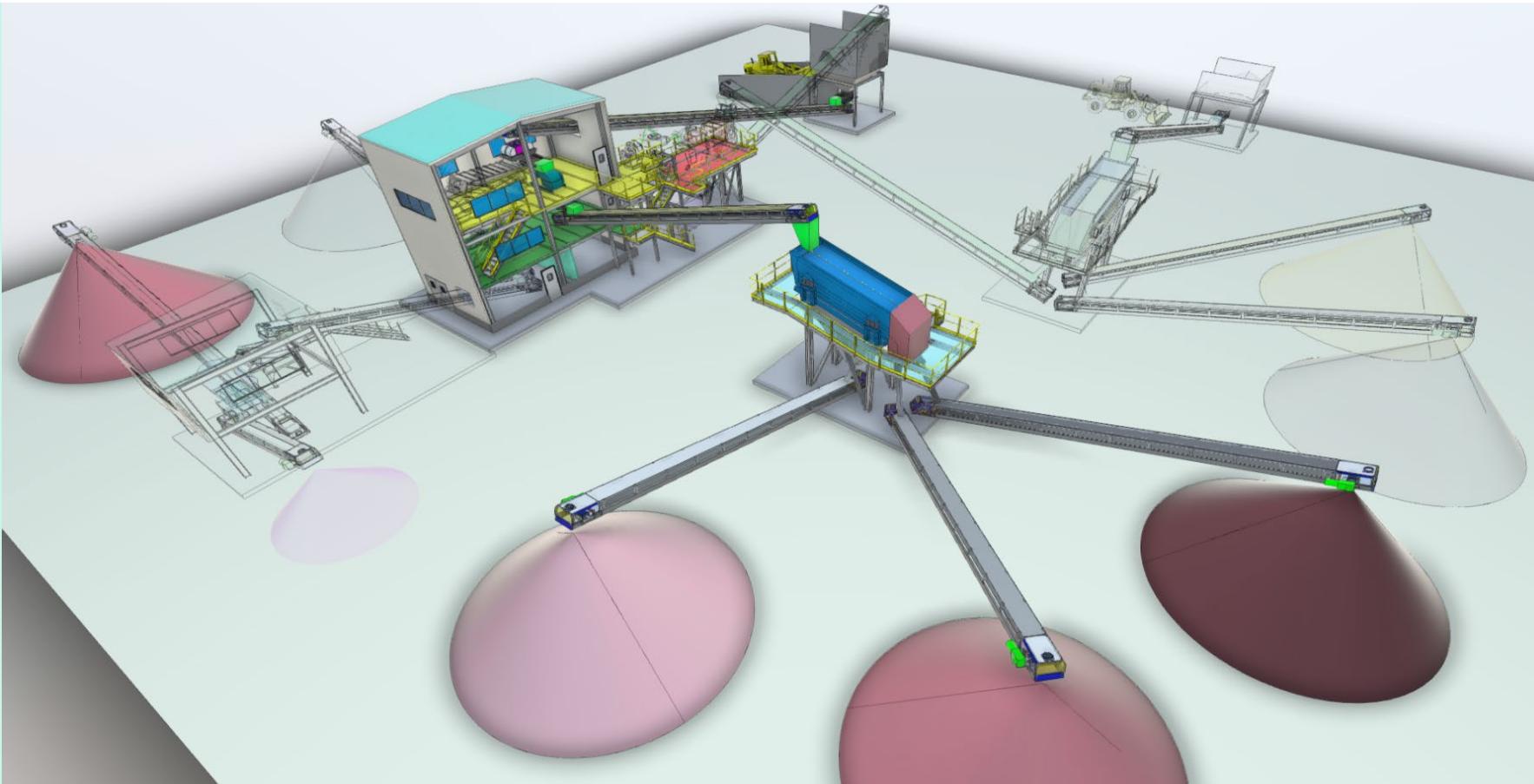
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Seconda opzione futura - Granulometria inerti



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Seconda opzione futura - Granulometria laterizi



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