



Consorzio di Bonifica
dell'Emilia Centrale



LIFE RINASCÉ

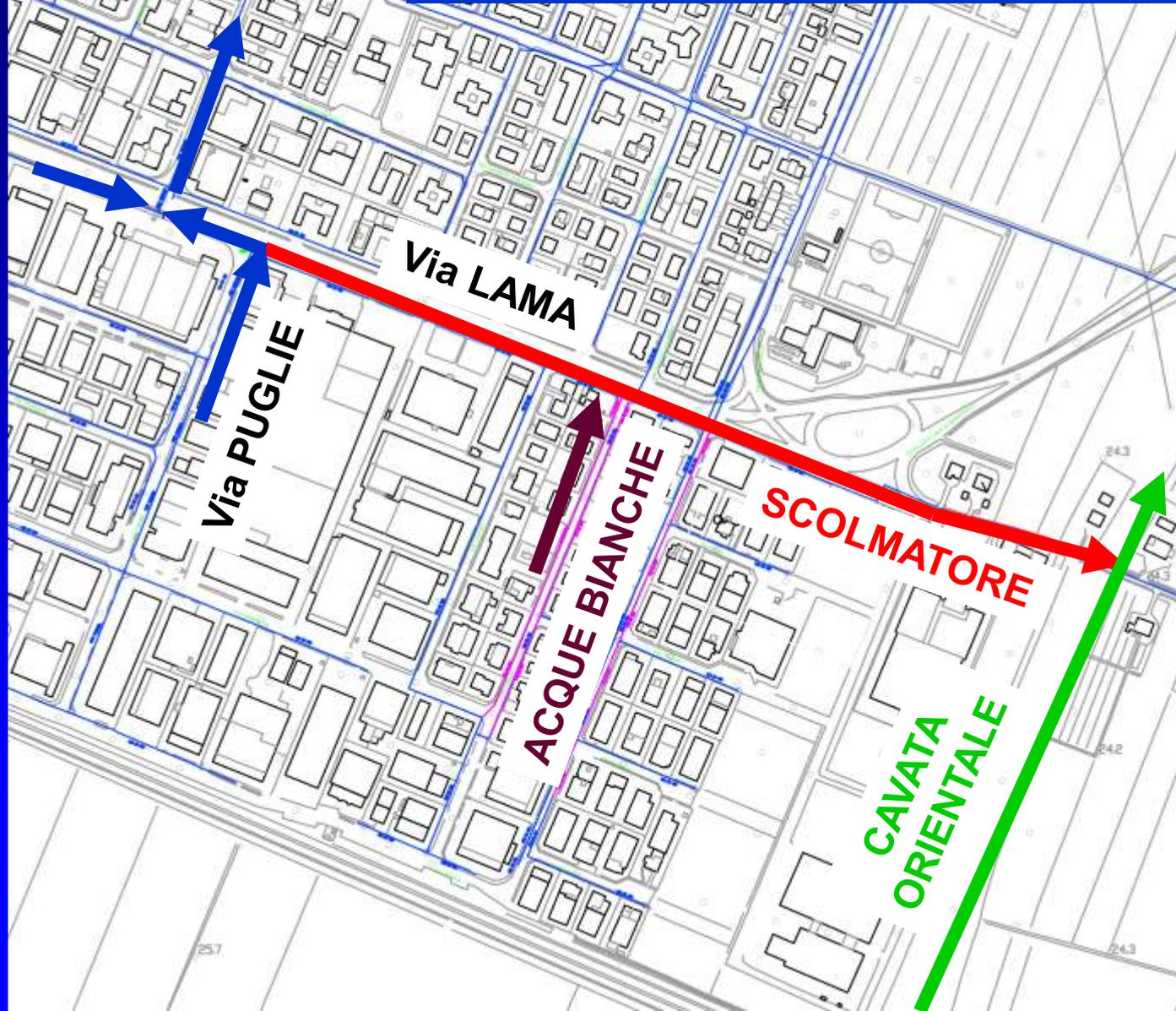
RIqualificazione **NA**turalistica per la **S**istemazione
integrata idraulico-ambientale dei **C**anali **E**miliani

LIFE13 ENV/IT/000169

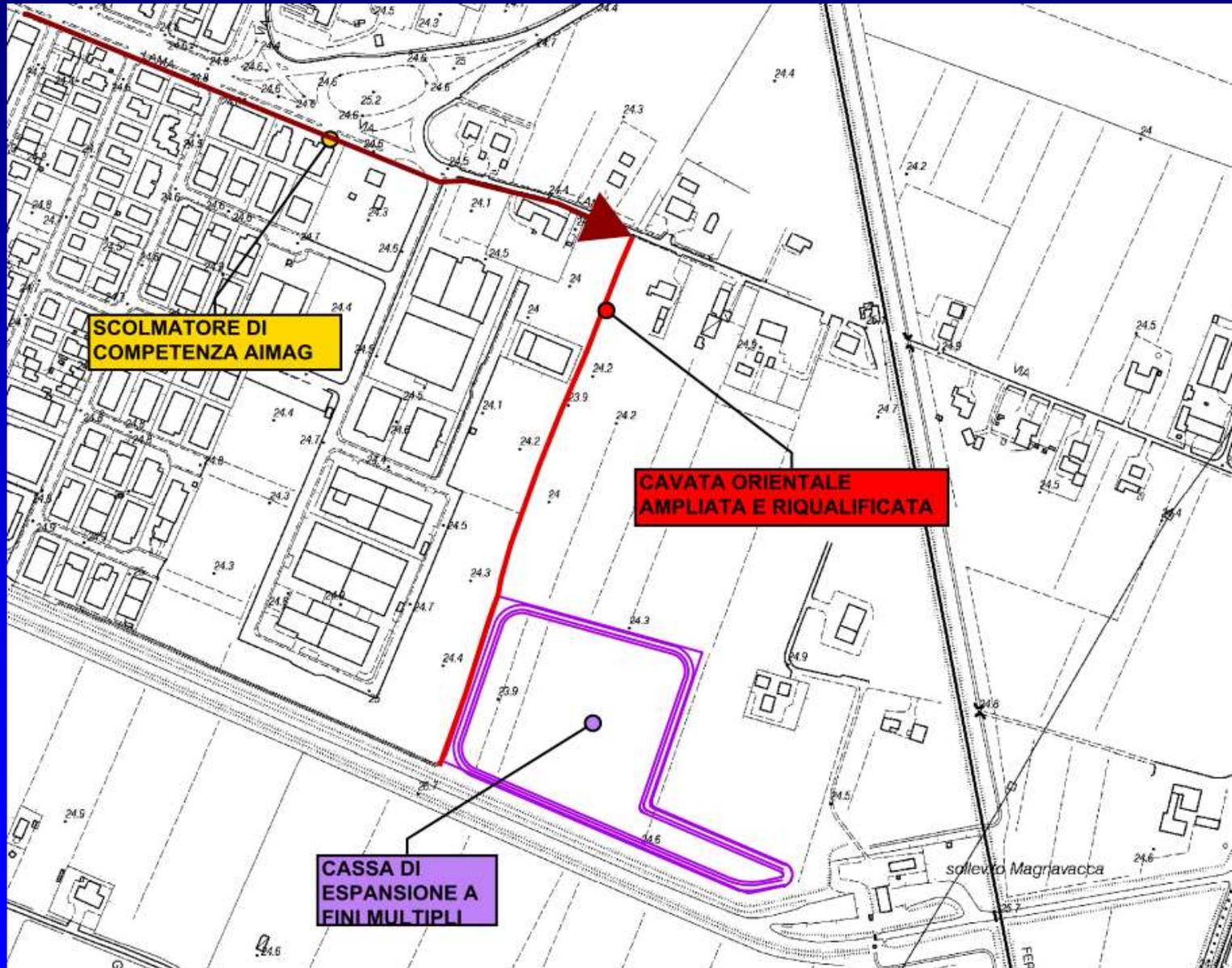
***ANALISI DEL FUNZIONAMENTO DELLA CASSA A
SERVIZIO DELLA CAVATA ORIENTALE***

*Ing. Marco Monaci
Carpi – 17 novembre 2015*

AIMAG SCOLMATORE DI VIA LAMA

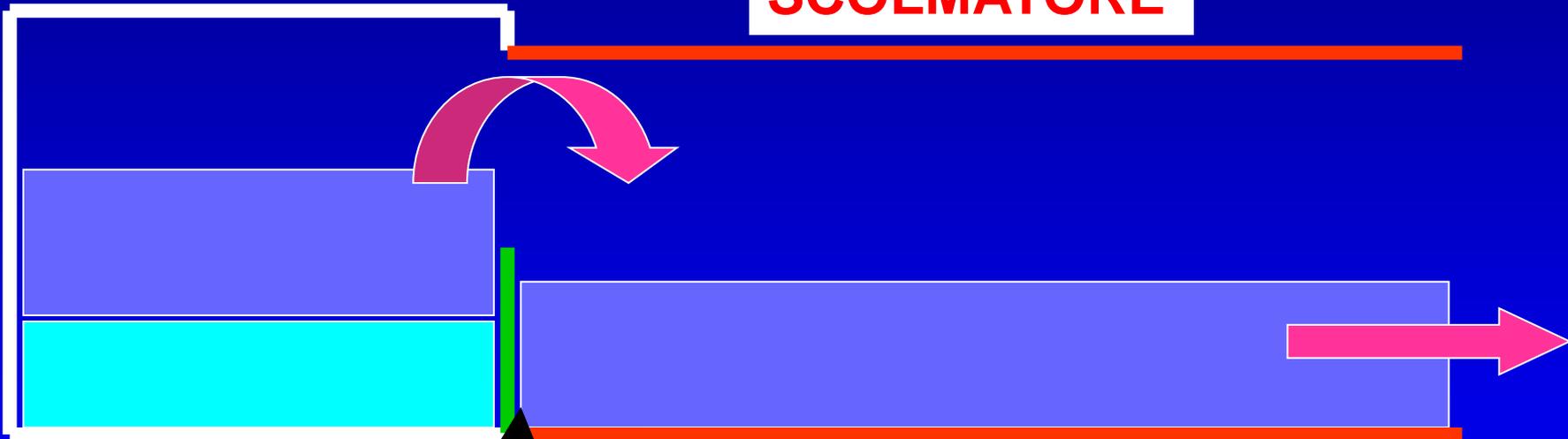


SCHEMA GENERALE



**COLLETTORE
VERSO IL
DEPURATORE**

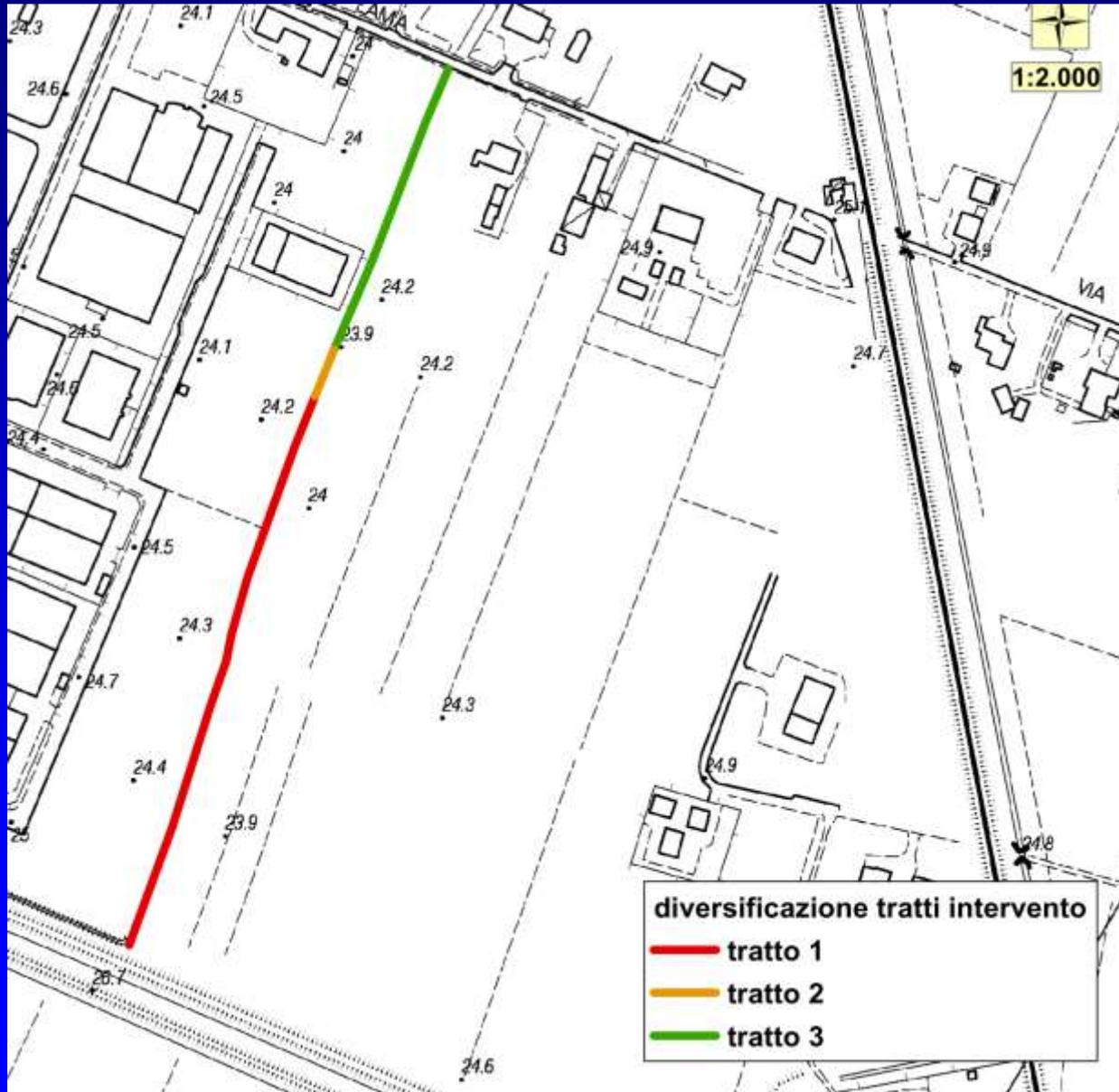
SCOLMATORE



**SOGLIA DI
SFIORO**

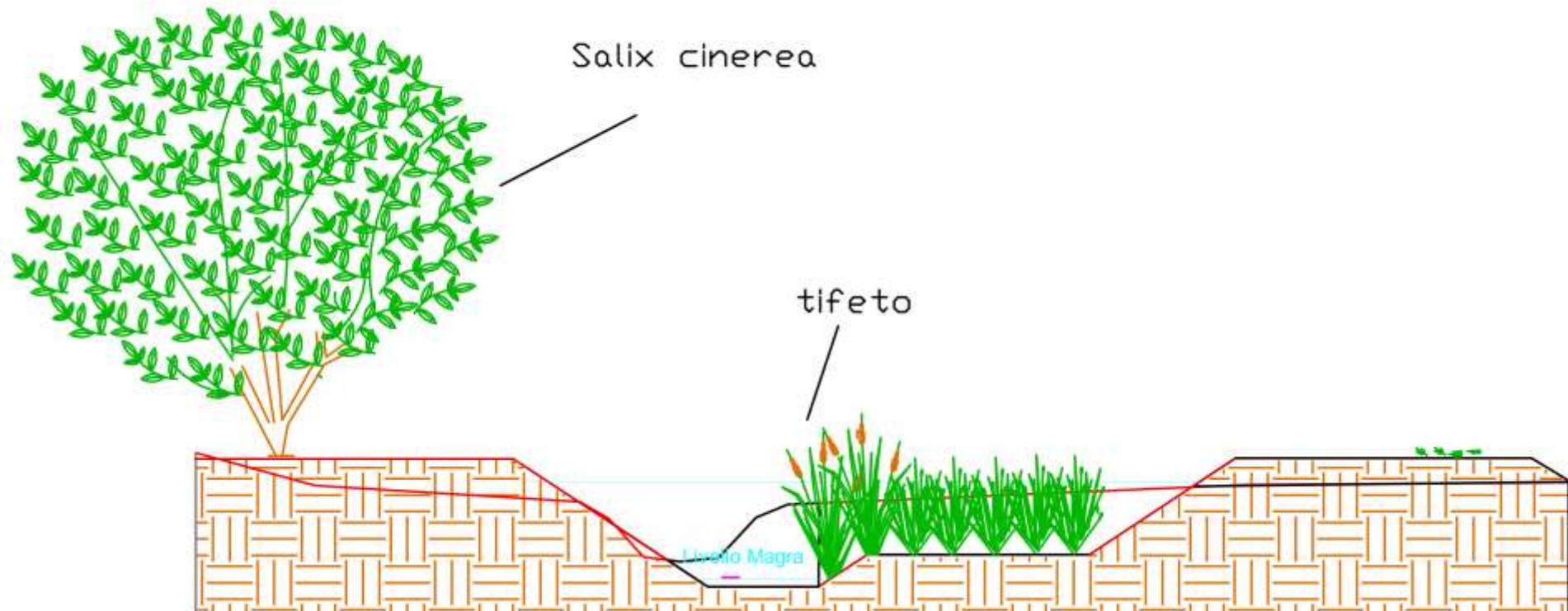
**CAVATA
ORIENTALE**

CAVATA ORIENTALE





SEZIONE TIPOLOGICA FUORI VIGNETO



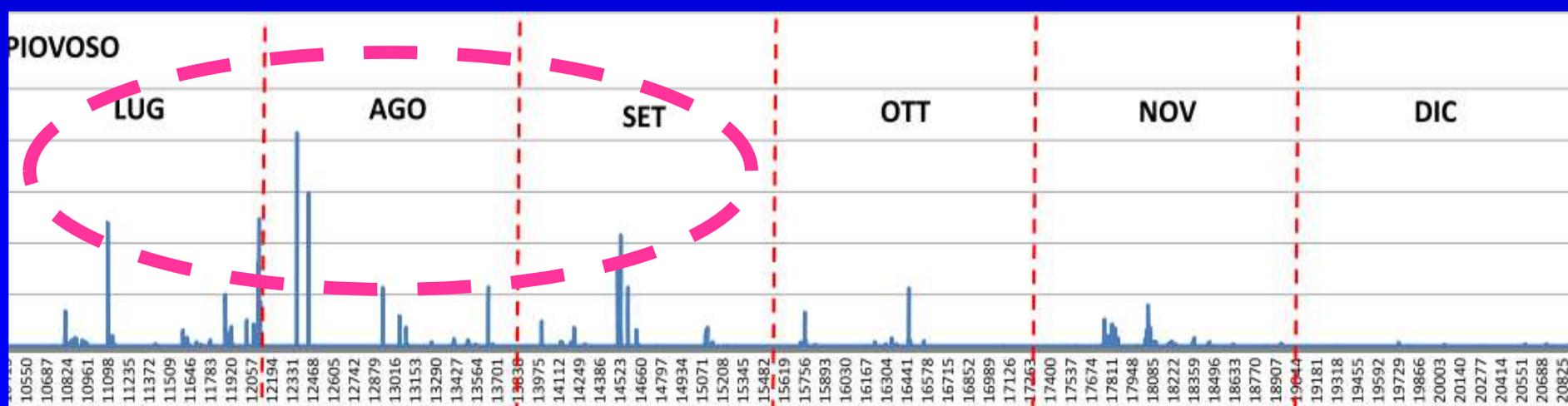
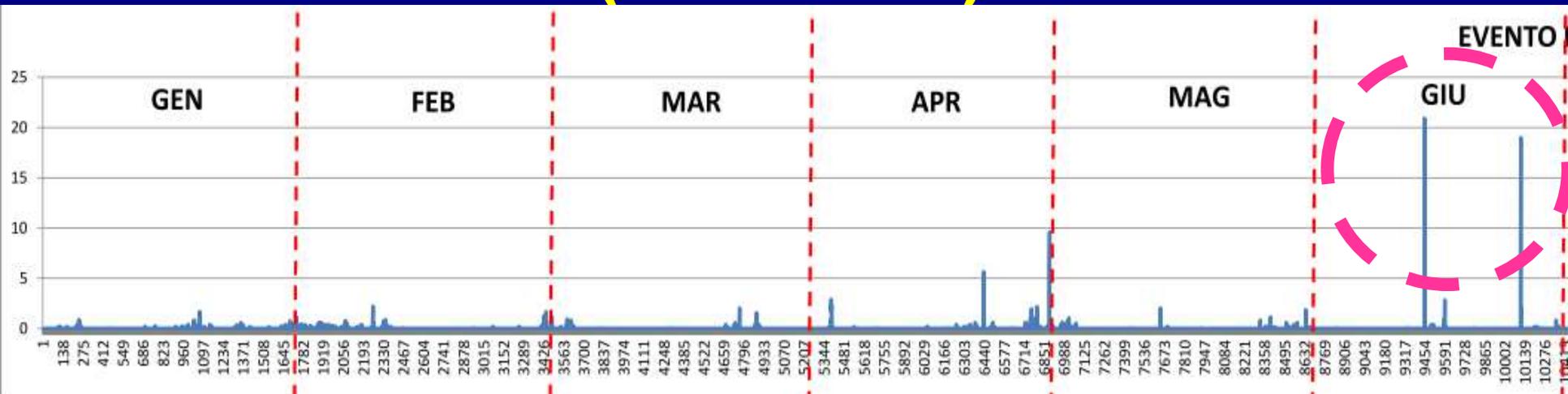
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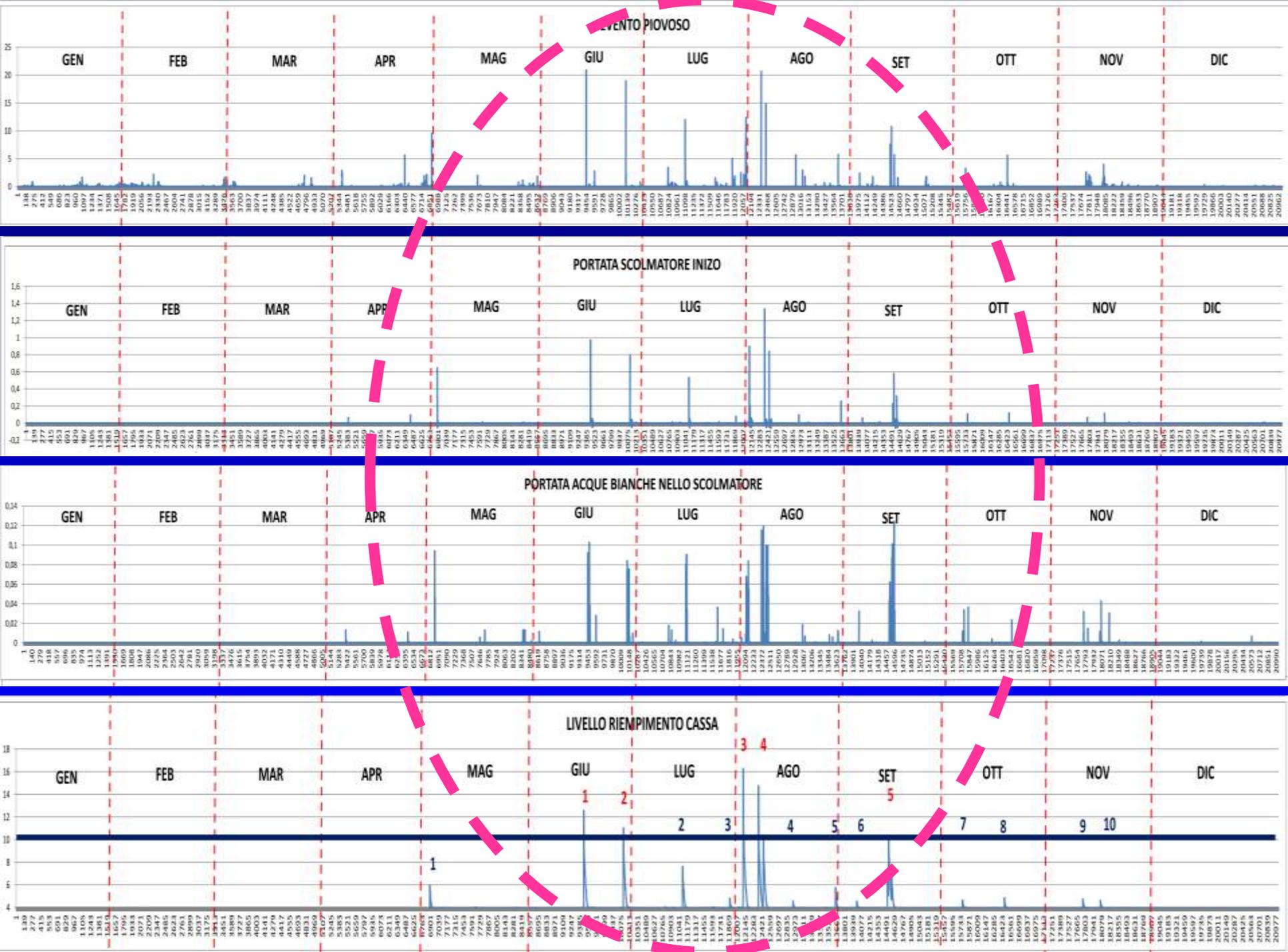
E DELLA CASSA

IN RELAZIONE AGLI EVENTI PIOVOSI

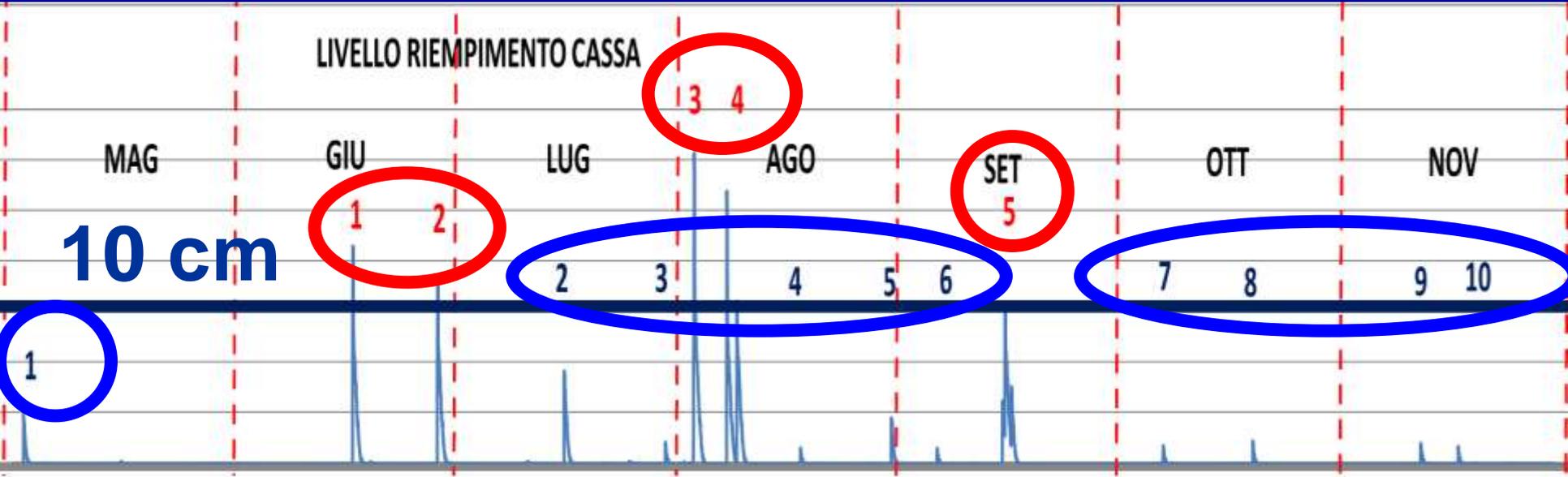
DEL 2014

EVENTI PIOVOSI ANALIZZATI (anno 2014)





ATTIVAZIONE DELLA CASSA



DURATA DEGLI EVENTI

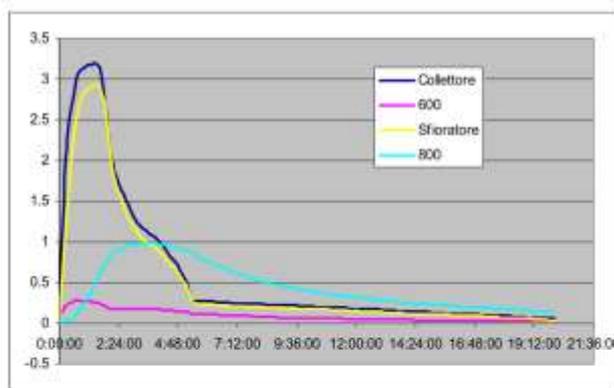


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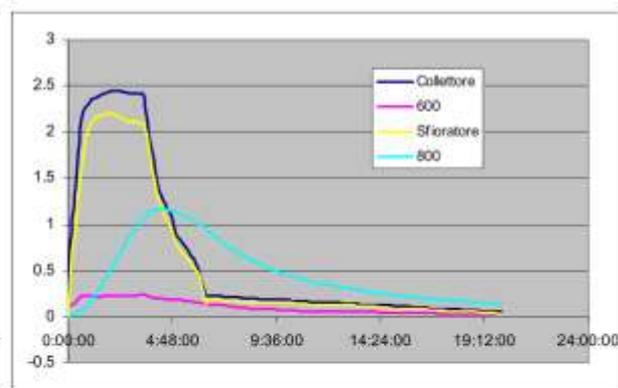
E DELLA CASSA

IN RELAZIONE A 12 EVENTI CRITICI

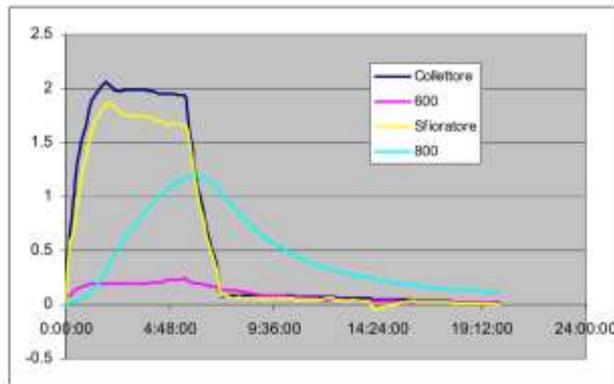
- **Tempo di ritorno 25 anni:**
 - Tempo di pioggia = 2, 4, 6, 8, 10 ore
- **Tempo di ritorno 50 anni:**
 - Tempo di pioggia = 2, 4, 6, 8, 10 ore
- **Applicazione del metodo Chicago**
 - Tempo di pioggia = 1 ora
- **Simulazione dell'evento reale del 12 giugno 2007**



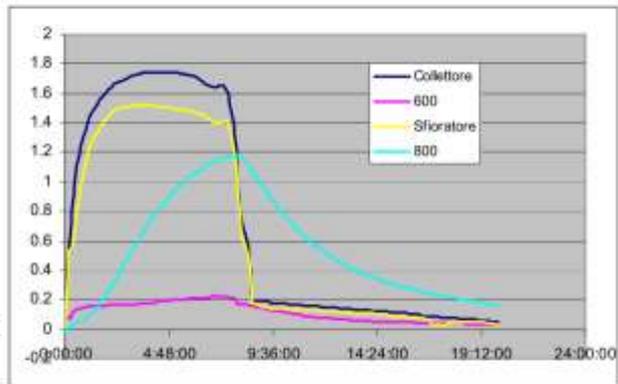
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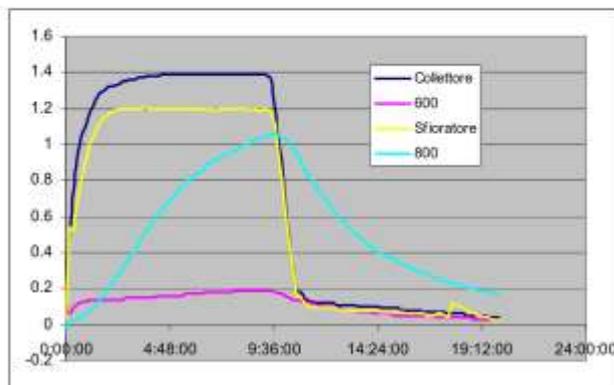
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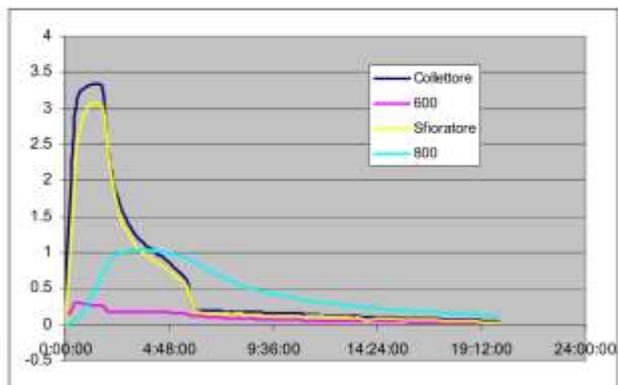
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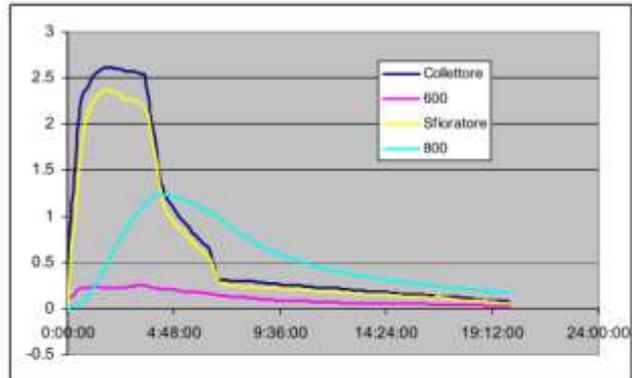
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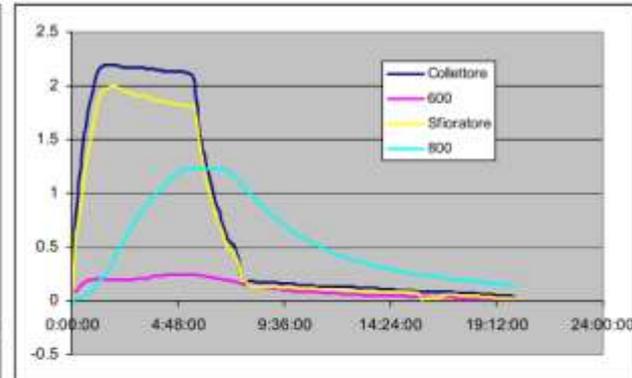
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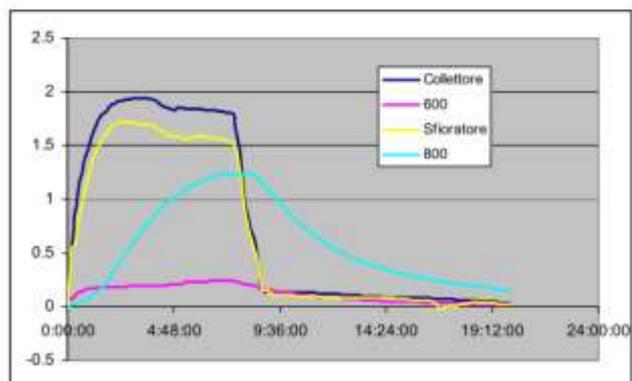
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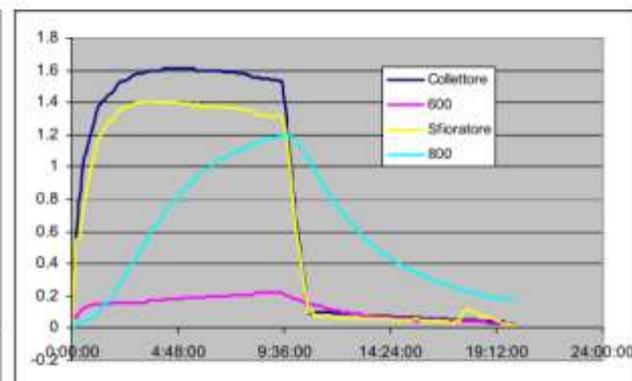
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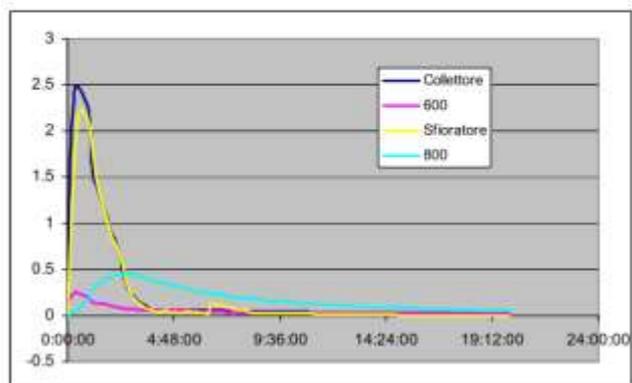
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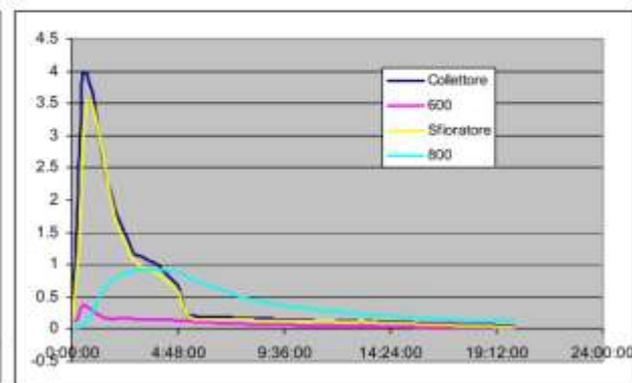
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Q_Tr50_Tp10h



Chicago_1h



Pioggia_12062007