



# PIANO STRUTTURALE

## i - STUDIO IDROLOGICO-IDRAULICO

### A-5\_Allegato modellazione idraulica U.T.O.E. Grilli

*Sindaco:*

Andrea Biondi

*Giunta Comunale:*

Francesca Bargiacchi

Claudio Saragosa

Daniele Tonini

Stefania Ulivieri

*Responsabile del Procedimento:*

Massimo Padellini

*Garante dell'Informazione e della  
Partecipazione:*

Stefania Pepi

*Progettisti:*

Stefano Giommoni

Rita Monaci

Pietro Pettini

*Indagini geologiche:*

Sandro Ricci

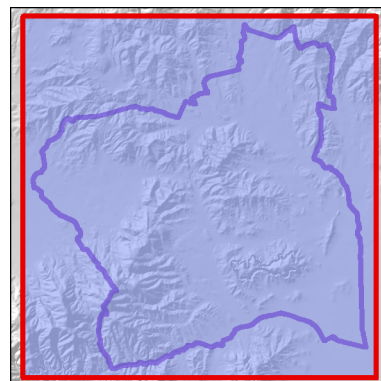
*Indagini idrauliche:*

Mario Di Felice

*Collaboratori:*

Giovanna Pessina

Riccardo Rossi



**Gavorrano-2.0**

Piano Strutturale Comunale - Piano Operativo Comunale

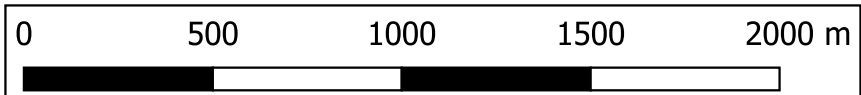
**PS**  
**PO**

## RELAZIONE IDROLOGICO-IDRAULICA

### Allegati modellazione idraulica

Zona di studio: U.T.O.E. Grilli

- Battenti Tr30 anni – Tp=1 ora
- Battenti Tr30 anni – Tp=2 ore
- Battenti Tr30 anni – Tp=5 ore
- Battenti Tr200 anni – Tp=1 ora
- Battenti Tr200 anni – Tp=2 ore
- Battenti Tr200 anni – Tp=5 ore
- Velocità Tr30 anni – Tp=1 ora
- Velocità Tr30 anni – Tp=2 ore
- Velocità Tr30 anni – Tp=5 ore
- Velocità Tr200 anni – Tp=1 ora
- Velocità Tr200 anni – Tp=2 ore
- Velocità Tr200 anni – Tp=5 ore



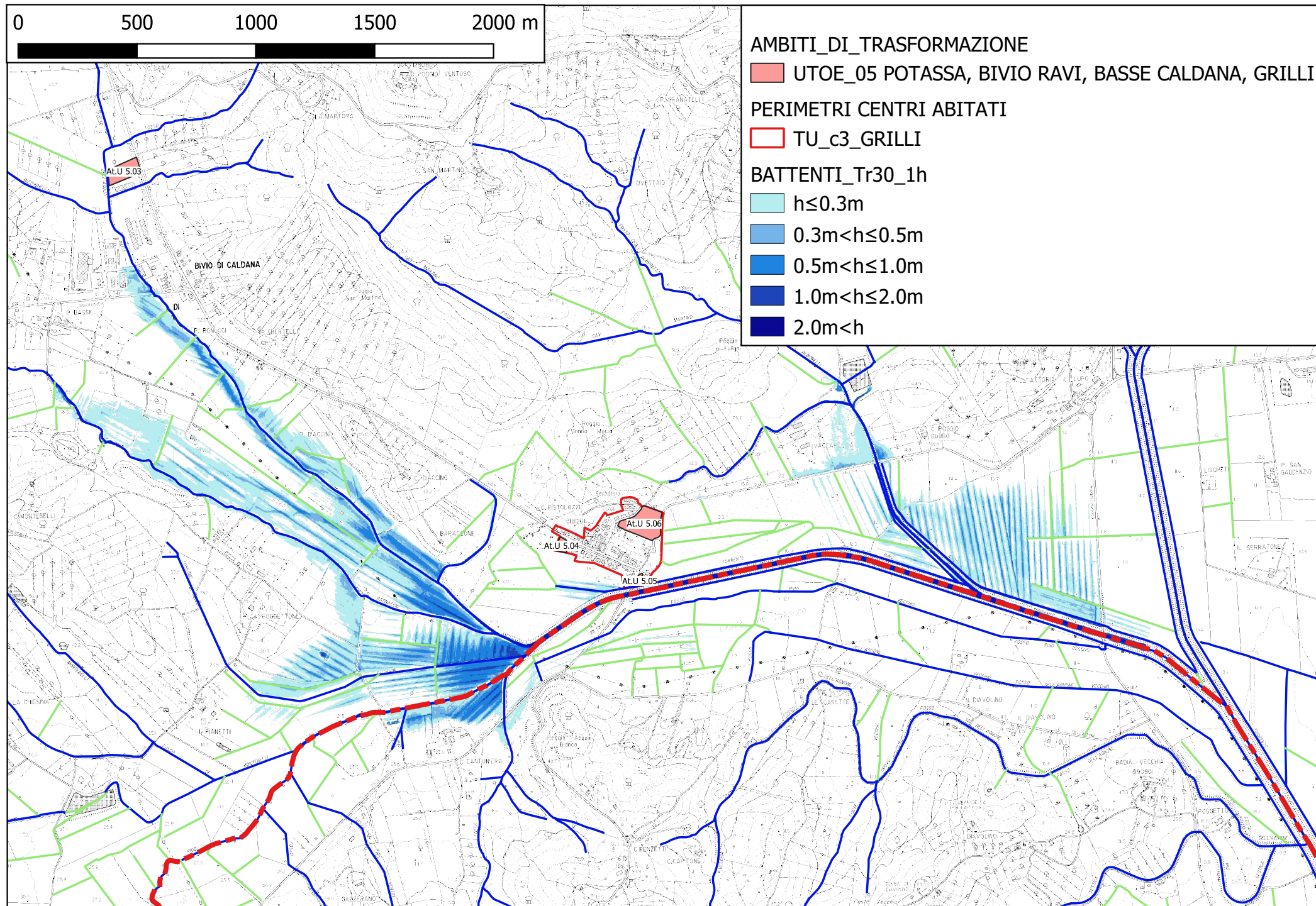
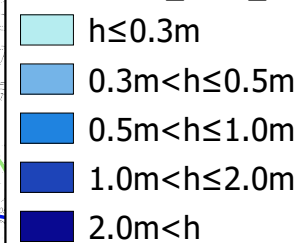
### AMBITI\_DI TRASFORMAZIONE

UTOE\_05 POTASSA, BIVIO RAVI, BASSE CALDANA, GRILLI

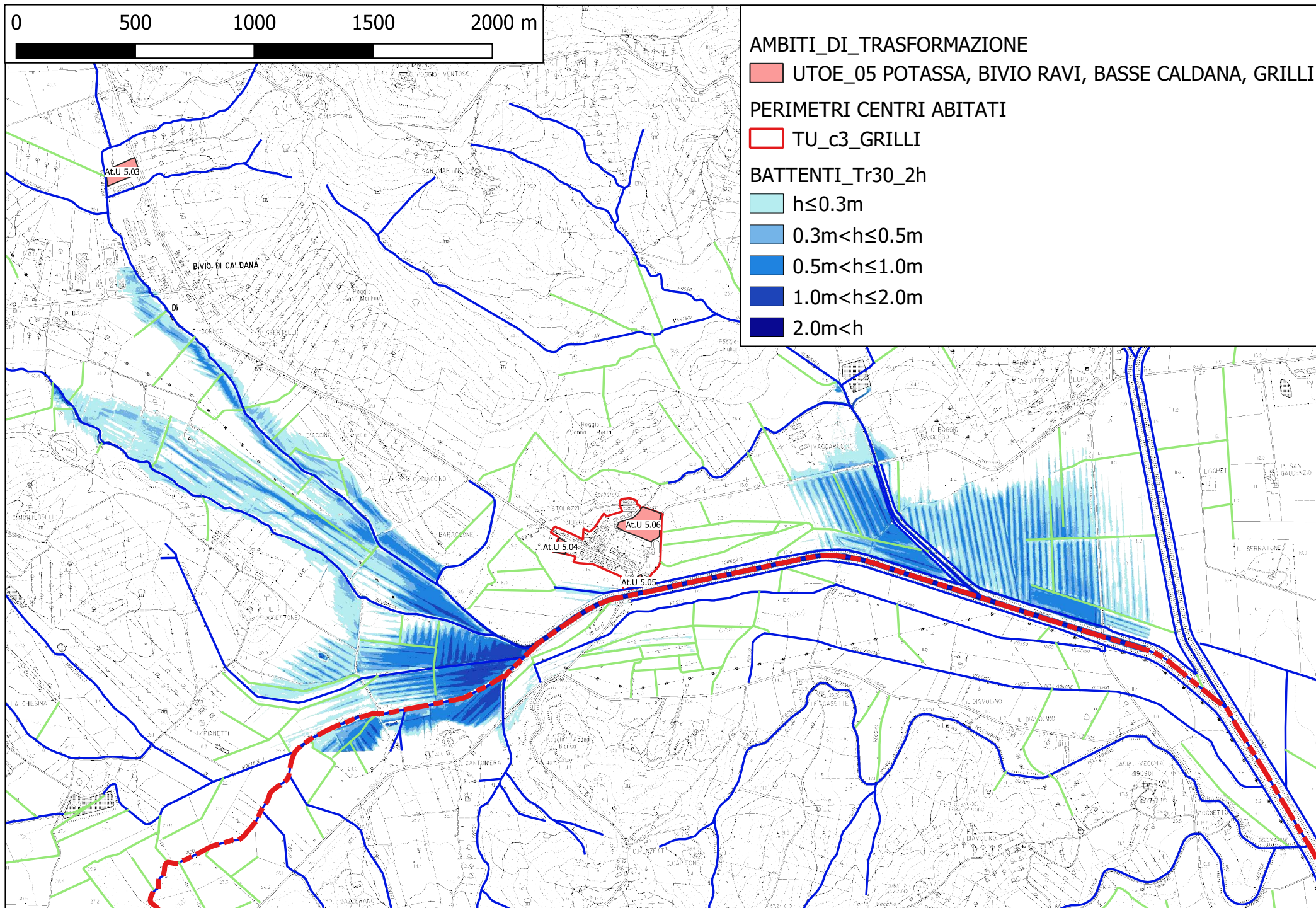
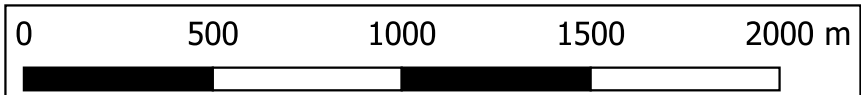
### PERIMETRI CENTRI ABITATI

TU\_c3\_GRILLI

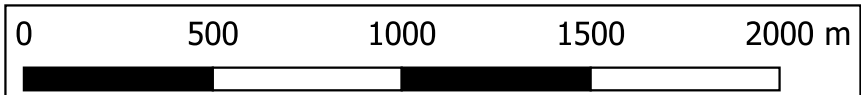
### BATTENTI\_Tr30\_1h











### AMBITI\_DI TRASFORMAZIONE

UTOE\_05 POTASSA, BIVIO RAVI, BASSE CALDANA, GRILLI

### PERIMETRI CENTRI ABITATI

TU\_c3\_GRILLI

### BATTENTI\_Tr30\_5h

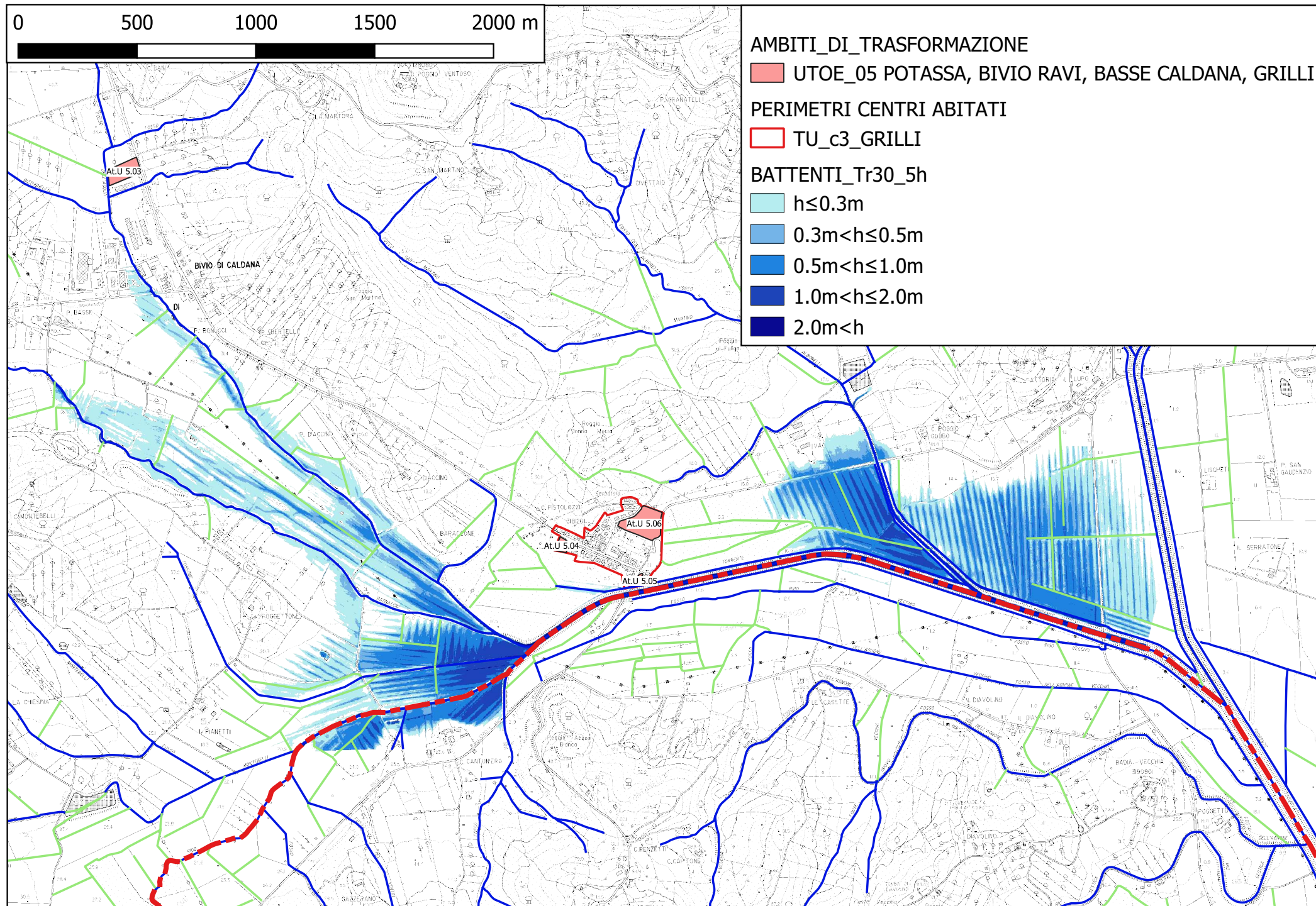
$h \leq 0.3m$

$0.3m < h \leq 0.5m$

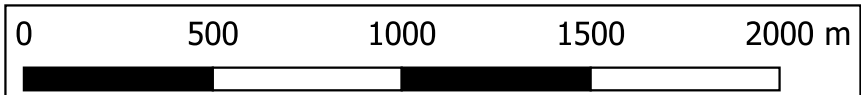
$0.5m < h \leq 1.0m$

$1.0m < h \leq 2.0m$

$2.0m < h$







AMBITI\_DI TRASFORMAZIONE

UTOE\_05 POTASSA, BIVIO RAVI, BASSE CALDANA, GRILLI

PERIMETRI CENTRI ABITATI

TU\_c3\_GRILLI

BATTENTI\_Tr200\_1h

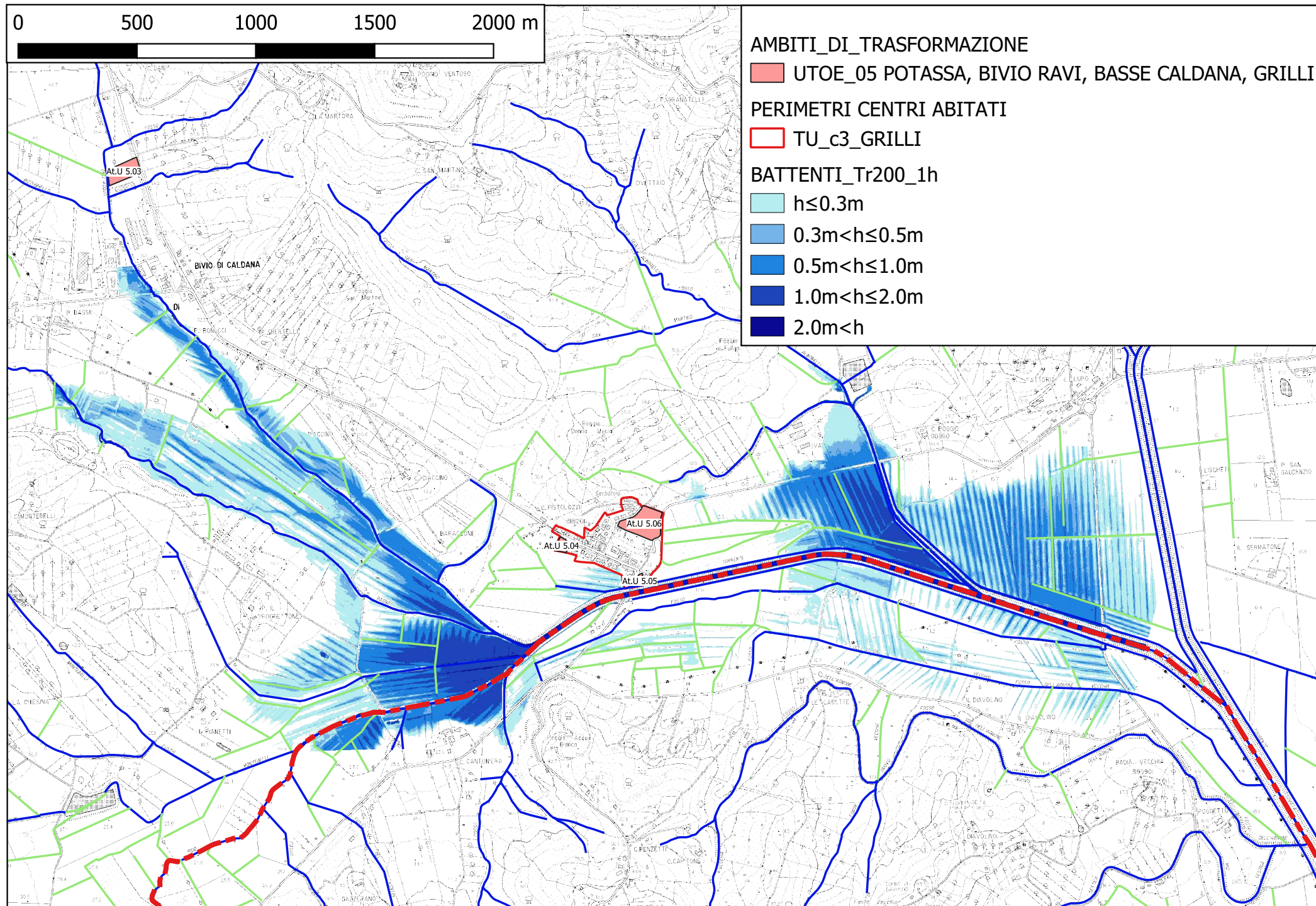
$h \leq 0.3\text{m}$

$0.3\text{m} < h \leq 0.5\text{m}$

$0.5\text{m} < h \leq 1.0\text{m}$

$1.0\text{m} < h \leq 2.0\text{m}$

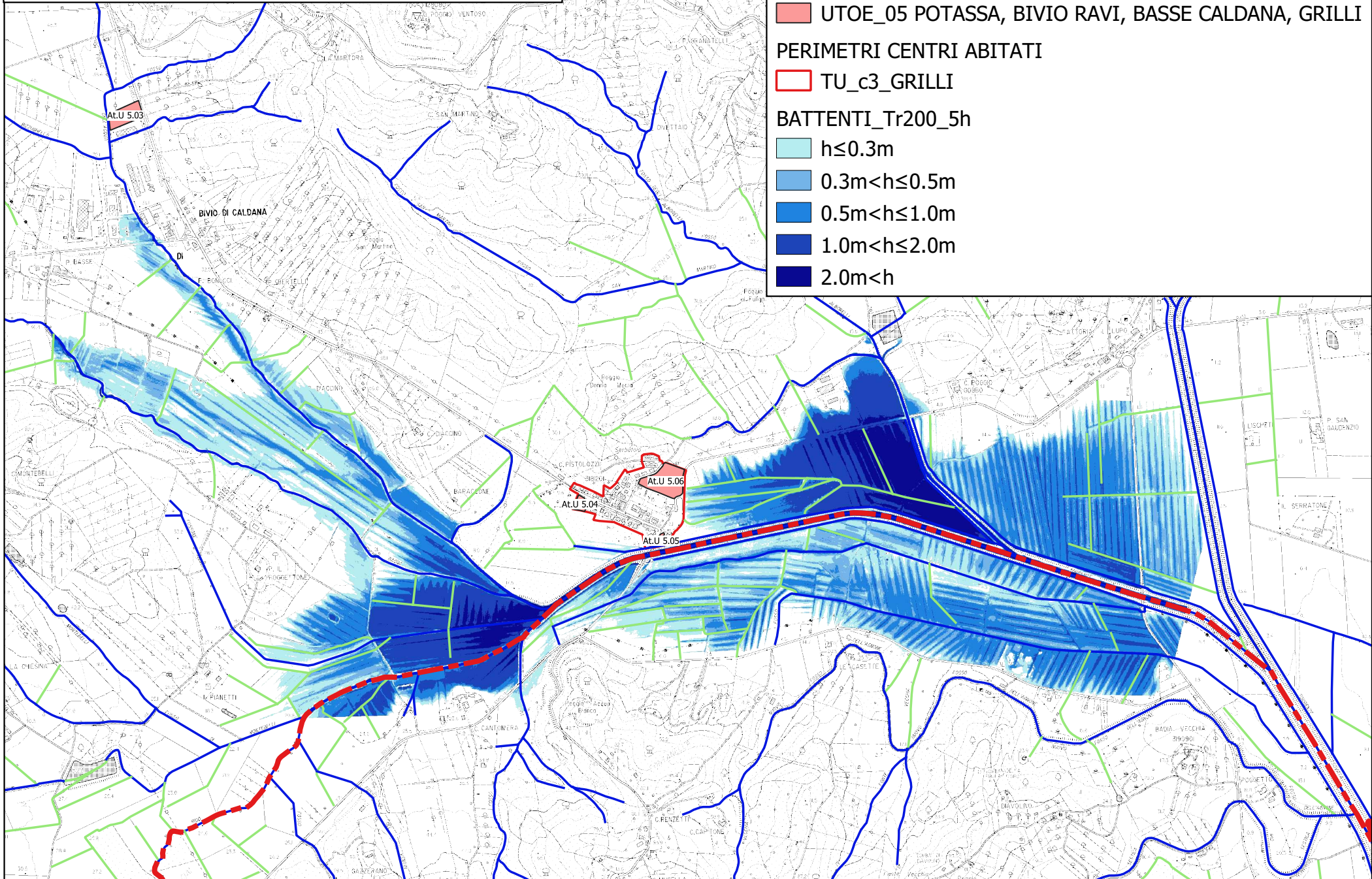
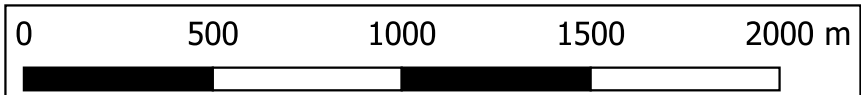
$2.0\text{m} < h$



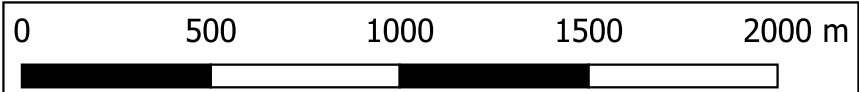












AMBITI\_DI TRASFORMAZIONE

UTOE\_05 POTASSA, BIVIO RAVI, BASSE CALDANA, GRILLI

PERIMETRI CENTRI ABITATI

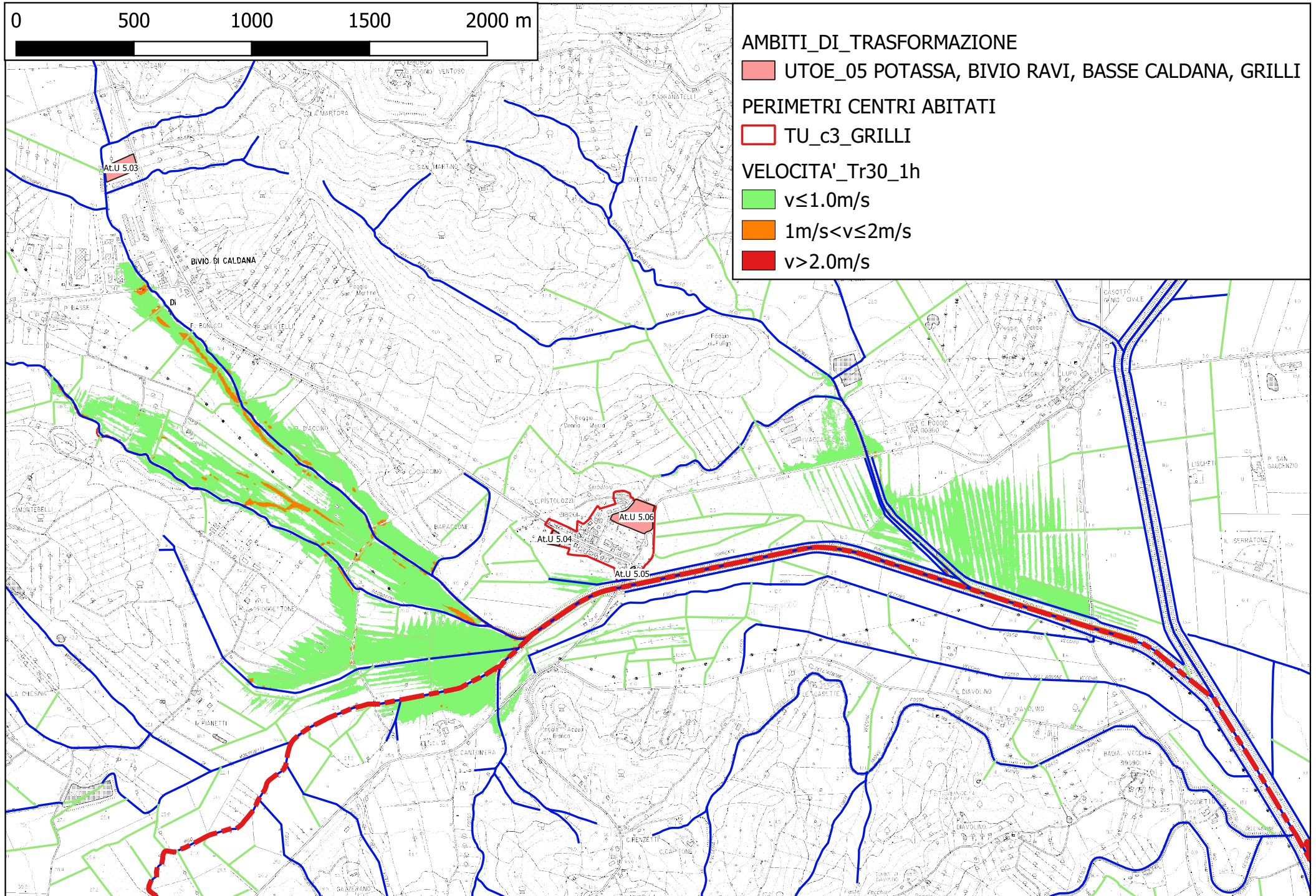
TU\_c3\_GRILLI

VELOCITA' Tr30\_1h

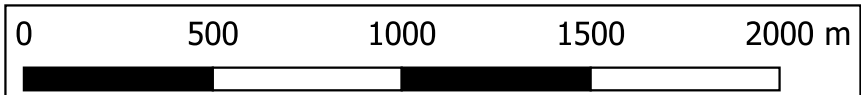
$v \leq 1.0 \text{ m/s}$

$1 \text{ m/s} < v \leq 2 \text{ m/s}$

$v > 2.0 \text{ m/s}$







AMBITI\_DI TRASFORMAZIONE

UTOE\_05 POTASSA, BIVIO RAVI, BASSE CALDANA, GRILLI

PERIMETRI CENTRI ABITATI

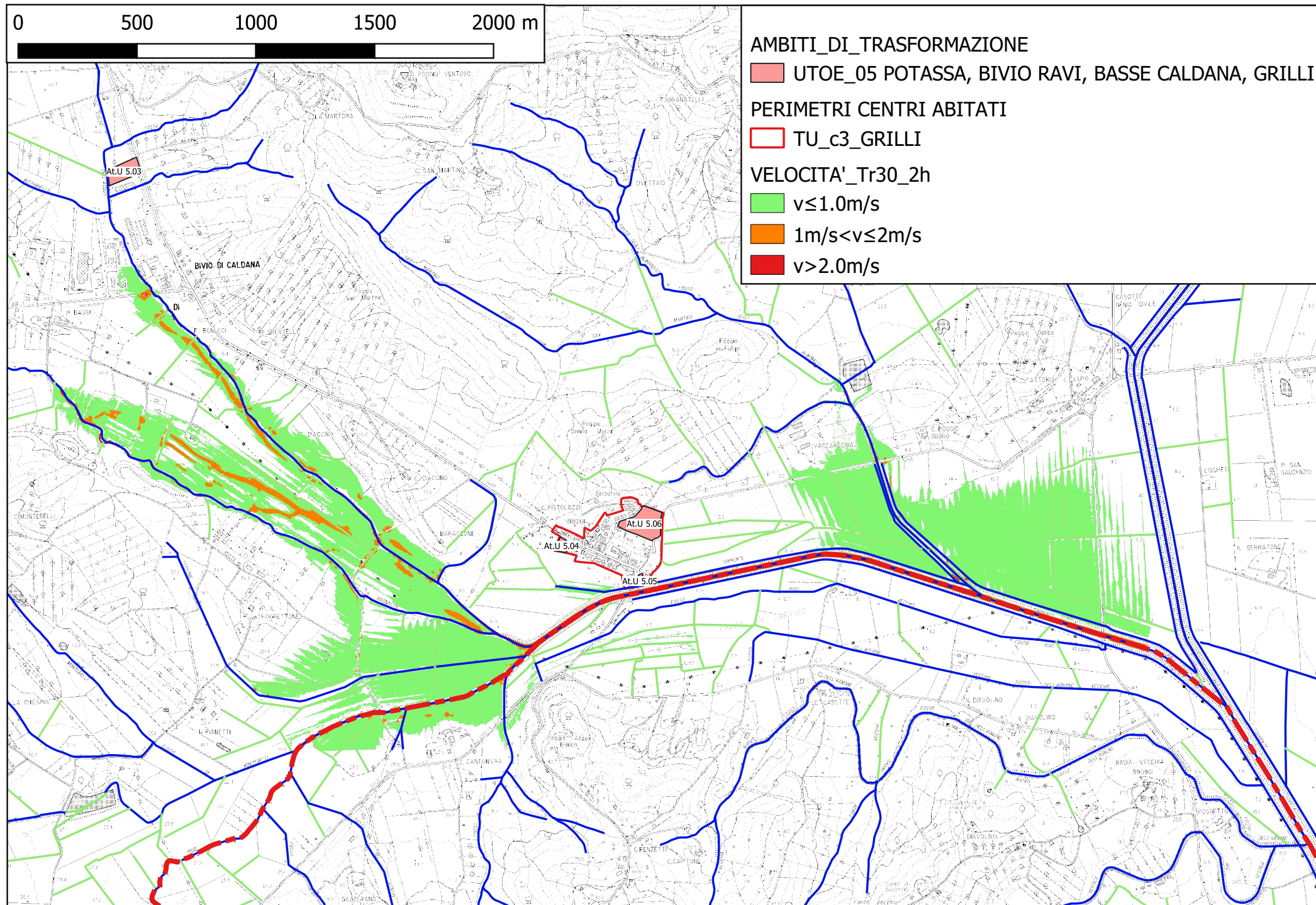
TU\_c3\_GRILLI

VELOCITA' Tr30\_2h

$v \leq 1.0 \text{ m/s}$

$1 \text{ m/s} < v \leq 2 \text{ m/s}$

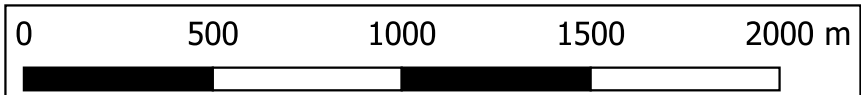
$v > 2.0 \text{ m/s}$











AMBITI\_DI TRASFORMAZIONE

UTOE\_05 POTASSA, BIVIO RAVI, BASSE CALDANA, GRILLI

PERIMETRI CENTRI ABITATI

TU\_c3\_GRILLI

VELOCITA' Tr200\_1h

$v \leq 1.0 \text{ m/s}$

$1 \text{ m/s} < v \leq 2 \text{ m/s}$

$v > 2.0 \text{ m/s}$

