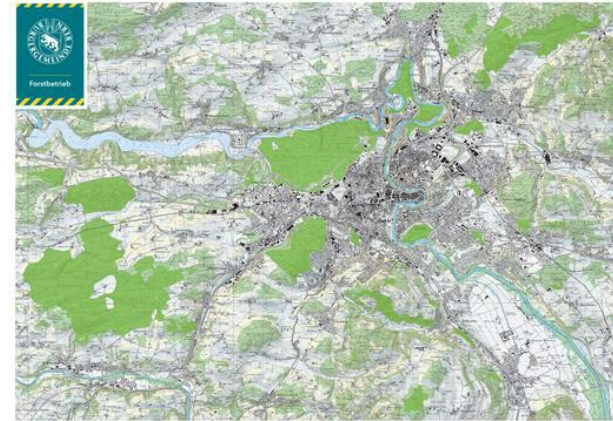


## Rolling silviculture planning (annually)



Forest management based on the latest available technical solutions and satellite data (Sentinel2 and caliper with georeferencing possibility). Determinization of rough wood according to tree-species for the entire forestry operation surface. Realtime wood stock management and silvicultural measure planning reviewed with silvicultural planning simulations. Rolling management approach on an annually basis for optimization of economic, ecological and social values. Management units of approx. 30 hectares defined to enhance efficiency of the entire process. Reduction of rotation periods according to tree-species

Advanced forest management and silvicultural planning on a good wood stock analysis with proximity in time is one key factor for optimization of forest management, silvicultural measures and wood production incl. better selling possibilities. New learning process possibilities. Enhanced reaction times on requests of all sorts and in the case of extreme events (storms etc.). The approach allows the better exploitation of the growing wood potential, reducing the rotation period and thereby fostering the climate change adaptation potential. Efficiency enhancement in economic, ecological and social dimension with the aid of modern techniques is possible and will become more prominent in the future

Efficiency enhancement in economic, ecological and social dimension. Increased yield and cost reduction resulting in enhanced profitability while providing stability for wood stocks. Reducing discards by adaptation to climate change and active monitoring of sustainability principles. Exploiting of new selling opportunities. Active learning possibilities through Realtime verification of work processes incl. field work (work plan -> validation -> assignment -> verification). Better integration possibilities of all actors in the field and active work support. Better communication possibilities with players of downstream markets

## PODROBNOSTI

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### IZVOR LESA

Gozd

### TIP LESA

Okrogli les

### VRSTA OBRAVNAVANEGA LESA

Stemwood

### VPLIV NA OKOLJE IN BIODIVERZITETO

Positive on biodiversity and forest resilience enhancement

### VPLIV NA PRIHODKE

Positive / more efficient working processes / cost reduction possibility  
identification

### POTENCIAL IZKORIŠČANJA

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### VOZLIŠČE

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### GOSPODARSKI VPLIV

Enhancement of regionally added value / more efficient working processes  
/active learning

### POTREBNO SPECIFIČNO ZNANJE

### POTENCIAL ZA MOBILIZACIJO

1 – 2 m<sup>3</sup>/ha

### TRAJNOST - VREDNOST

--

### ENOSTAVNOST IZVEDBE

Medium

### ENOSTAVNOST IZVEDBE - OCENJEVANJE

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### KLJUČNI PREDPOGOJI

Sentinel2 datas (which are freely available)

### VRSTA DOGODKA, NA KATEREM JE BIL PREDSTAVLJEN TA BPI

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### VPLIV NA DELOVNA MESTA

Better qualified staff through verification and discussion possibilities

### STROŠKI IZVEDBE (EURO - €)

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GIS data processing possibilities needed

VEČ  
PODROBNOSTI

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IZZIV

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DOMENA

Gojenje gozdov, gospodarjenje z gozdovi, odpornost, --  
ekosistemske storitve

TIP REŠITVE

KLJUČNE BESEDE

--

DIGITALNE REŠITVE

No

INOVACIJA

Ne

IZVORNA DRŽAVA

Švica

OBSEG UPORABE

Regionalni

ZAČETNO IN KONČNO LETO

2017 -

KONTAKTN  
PODATKI

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LASTNIK OZ. AVTOR

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POROČEVALEC

REFERENCES  
AND RESOURCES

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SPLETNA STRAN

<https://forst.bgbern.ch>

VIRI

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SPLETNA STRAN PROJEKTA

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REFERENCA PROJEKTA

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**PROJEKT, V OKVIRU KATEREGA SO BILI ZBRANI OSNOVNI PODATKI**

Rosewood

**DATUM OBJAVE**

16 Sep 2019

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**A TOOL FROM ROSEWOOD 4.0, DESIGNED AND DEVELOPED BY**

