Table S1. Forest related projects relevant to this review.

Project name	Project PI	PI institution category	Institution background	Object scale	Research topic	Financing body category	EO data used	Link to project
BaKIM	City of Bamberg	Federal state research institution (D)	forestry	tree	Forest Cover / Type Disturbance	State ministry (D)	UAV	BaKIM
BETA-FOR	Julius-Maximilians-Universität of Würzburg	University (D)	EO forestry	tree stand forest	Biodiversity / Habitats	National research institution (D)	Sentinel-1 Sentinel-2 Lidar hysperspectral aerial imagery UAV other	BETA-FOR
BrandSat	University of Trier	University (D)	EO	stand	Disturbance	Federal ministry (D)	Sentinel-2 Sentinel-1 other	BrandSat
CCFireSense	Institute of the fire department North Rhine Westphalia	Federal state research institution (D)	other	stand	Disturbance	Federal ministry (D)	Sentinel-2	CCFireSense
CLIMB-FOREST	Lund University	University (EU)	other	forest	Forest Cover / Type Biomass / Productivity Forest Structure Disturbance Biodiversity / Habitats	EU	Sentinel-1 Sentinel-2	CLIMB-FOREST
Digital Forest	University of Göttingen	University (D)	forestry	stand	Disturbance	industry; State ministry (D)	Sentinel-2 Sentinel-1 other	Digital Forest
ECOSENSE	University of Freiburg	University (D)	forestry	leaf tree	Plant Traits	National research institution (D)	UAV	ECOSENSE

ESPE	Julius-Maximilians-Universität of Würzburg	University (D)	EO	stand	Forest Cover / Type	State ministry (D)	Sentinel-2	ESPE
FeMoPhys	Deutsches GeoForschungs-Zentrum (GFZ)	National research institution (D)	EO forestry	tree	Forest Cover / Type	Federal ministry (D)	UAV Sentinel-2 Sentinel-1 hyperspectral	FeMoPhys
FIRST 2.0	LUP Potsdam	company	EO forestry	stand	Disturbance	Federal ministry (D)	Sentinel-2 Sentinel-1 hyperspectral UAV Lidar	FIRST 2.0
FNEWS	Thünen insitute	National research institution (D)	EO forestry	stand	Disturbance	Federal ministry (D)	Sentinel-2 Sentinel-1	FNEWS
FORESTCARE	University of Göttingen	University (D)	forestry	tree	Phenology	Federal ministry (D)	aerial imagery UAV	FORESTCARE
ForestCARe	University of Hannover	University (D)	EO	tree	Disturbance	Federal ministry (D)	Sentinel-2	ForestCARe
ForestNavigator	International Institute for Applied Systems Analysis (IIASA)	National research institution (Intl.)	other	forest	Forest Cover / Type Biomass / Productivity Forest Structure Disturbance Biodiversity / Habitats	EU	not specified	ForestNavigator
ForInvUAV	Bavarian State Institute of Forestry (LWF)	Federal state research institution (D)	forestry	tree	Forest Cover / Type Biomass / Productivity	State ministry (D)	UAV	ForInvUAV

ForstCARe	University of Hannover	University (D)	EO	stand	Disturbance	State ministry (D)	Sentinel-2	ForstCARe
ForstPRAX	University of Göttingen	University (D)	forestry	tree	Disturbance	Federal ministry (D)	UAV	ForstPRAX
FraxMon (FraxForFuture)	Forest research institute Baden-Württemberg (FVA)	Federal state research institution (D)	forestry	tree	Disturbance	Federal ministry (D)	aerial imagery Sentinel-2	FraxMon
FUSION-RaLiKI	Ludwig-Maximilians-University Munich	University (D)	EO	forest	Forest Structure	Federal ministry (D)	Sentinel-1 Lidar	FUSION-RaLiKI
Future Forest	wetransform GmbH	company	other	stand	Disturbance Forest Cover / Type	Federal ministry (D)	Sentinel-2	Future Forest
KIHBA	Bavarian State Institute of Forestry (LWF)	Federal state research institution (D)	forestry	tree	Forest Cover / Type	Federal ministry (D)	UAV	KIHBA
KlimBa	Thünen insitute	National research institution (D)	EO forestry	stand	Forest Cover / Type	Federal ministry (D)	Sentinel-2 Sentinel-1 aerial imagery	KlimBa KlimBa
ML4iTree	University of Göttingen	University (D)	forestry	tree	Forest Cover / Type	National research institution (D)	aerial imagery	ML4iTree
MW3	RWTH Aachen university	University (D)	EO	tree	Phenology	Federal ministry (D)	thermal hyperspectral Sentinel-2 other	MW3
PathFinder	NIBIO - Norsk Institutt for Biookonomi	National research institution (EU)	other	forest	Disturbance	EU	not specified	PathFinder
PYROPHOB	Eberswalde University for Sustainable Development (HNEE)	University (D)	forestry	stand	Disturbance	Federal ministry (D)	UAV Lidar Sentinel-2	PYROPHOB

SPENSER	University of Freiburg	University (D)	other	tree stand forest	Forest Structure	National research institution (D)	UAV Lidar	SPENSER
TREECOP	University of Trier	University (D)	EO	tree	Phenology	Federal ministry (D)	Sentinel-2	TREECOP
TreeSatAI	Technical University of Berlin	University (D)	EO	tree	Forest Cover / Type	Federal ministry (D)	Sentinel-1 Sentinel-2 aerial imagery	TreeSatAI
WaldKlick	University of Freiburg	University (D)	EO forestry	stand	Forest Cover / Type Biomass / Productivity	Federal ministry (D)	not specified	WaldKlick
Waldzustands-monitor	Helmholtz Centre for Environmental Research (UFZ)	National research institution (D)	EO	stand	Disturbance	National research institution (D)	Sentinel-2	Waldzustandsmonitor
WinMol	Eberswalde University for Sustainable Development (HNEE)	University (D)	forestry	stand	Disturbance	Federal ministry (D)	Sentinel-1 Sentinel-2	WinMol
WSF-SAT	Northwest German Forest Research Institute (NW-FVA)	Federal state research institution (D)	EO forestry	tree	Disturbance	Federal state research institution (D)	Sentinel-2	WFS-SAT
WZE-UAV	Bavarian State Institute of Forestry (LWF)	Federal state research institution (D)	forestry	tree	Phenology	Federal state research institution (D)	UAV	WZE-UAV