

The image shows the front cover of a report titled 'Pius Floris Roadshows 2022 Urban Forest Master Plan'. The top half of the cover is white, and the bottom half is a photograph of a dense green forest. On the white background, the text 'PIUS FLORIS BOOMVERZORGING' is printed in a small, dark, sans-serif font. Below this, the title 'Pius Floris Roadshows 2022' is written in a large, elegant, dark serif font. Underneath the title, 'Urban Forest Master Plan' is written in a smaller, dark serif font. In the top right corner, there is a logo consisting of a stylized green tree icon and the text 'PIUS FLORIS BOOMVERZORGING' in a serif font. A small, dark, right-pointing arrow is located on the left side of the white section, just above the forest image. The forest image shows a thick canopy of green trees, with some sunlight filtering through the leaves.

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Urban Forest Master Plan

PLUS FLORIS
Landschap Architectuur

Waarom een stadsbos?

Wij kunnen niet zonder natuur

- Verstedelijking en leefbaarheid (bijv. veiligheid)
- Gezondheid (luchtkwaliteit, psyche)
- Mitigatie klimaatverandering (co2)
- Klimaatadaptatie (hitte/wateroverlast)
- Biodiversiteitsherstel



THREE BILLION ADDITIONAL TREES by 2030

#3BillionTrees

WE GROW TOGETHER

Prof. dr. ir. A. van der Kolk Al meer dan 40 jaar toonaangevend specialist op het gebied van boomverzorging

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Urban Forest Master Plan

Waarom nu een stadsbos?

De druk wordt steeds hoger

1. De conventie inzake Biologische Diversiteit (CBD 1992).
2. De ontwikkelingsagenda Sustainable Development Goals (SDGs) of Duurzame Ontwikkelingsdoelen voor 2015-2030 (Overeenkomst van Parijs, 2016).
3. Het Green Deal 2019. EU landen dienen voor 2050 klimaatneutraal te zijn.
4. De EU-biodiversiteitsstrategie voor 2030 benoemt concrete doelstellingen voor biodiversiteitsherstel en -behoud.
5. Klimaatplan 2021-2030. Nederland werkt aan 49% minder uitstoot in 2030.

Fluorfenix.nl is nu dan 40 jaar voorrangsgeregistreerd op het gebied van boomverzorging

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Urban Forest Master Plan

FLORIS
Landscape Architecture

Bomen zijn cruciaal

- Kroonvolume en luchtzuivering hebben een relatie met gezondheid en leefbaarheid
- Omnisdrain in antwoord op hitte-eiland effect en wateroverlast
- Grote impact op biodiversiteit
- Afslag en opslag van koolstof zijn belangrijk onderdeel van oplossing co2-probleem

Tree Canopy, Crime & Health

TREES IMPROVE HUMAN HEALTH

New York City. The presence of street trees was associated with a 30% reduction in the risk of being involved in a property crime or an assault. The study also found that trees were associated with a 15% reduction in the risk of being involved in a violent crime.

United States. Mortality rates due to cardiovascular disease were 15% lower in areas with a tree canopy cover of 10% or more. The study also found that trees were associated with a 15% reduction in the risk of being involved in a property crime or an assault. The study also found that trees were associated with a 15% reduction in the risk of being involved in a violent crime.

Philadelphia. Patients with views of trees outside their windows had a 15% lower risk of being involved in a property crime or an assault. The study also found that trees were associated with a 15% reduction in the risk of being involved in a violent crime.

England. Health inequalities and mortality in low-income populations were lower in areas with a tree canopy cover of 10% or more. The study also found that trees were associated with a 15% reduction in the risk of being involved in a property crime or an assault.

TREES HELP MAKE NEIGHBORHOODS SAFER

Philadelphia. The study found that areas with a tree canopy cover of 10% or more were associated with a 15% reduction in the risk of being involved in a property crime or an assault. The study also found that trees were associated with a 15% reduction in the risk of being involved in a violent crime.

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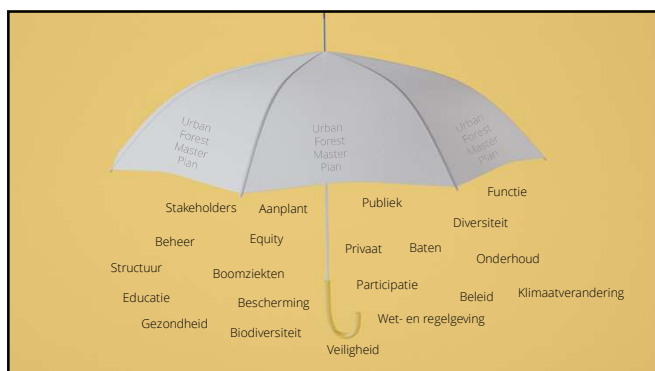
Urban Forest Master Plan

Nieuw in Nederland

Urban Forest Master Plan

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Urban Forest Master Plan

Wat is een Urban Forest Master Plan (UFMP)?

Een Urban Forest Master Plan is een strategisch **lange termijn plan** om een optimaal functionerend stadsbos of bomenbestand te bereiken. Met concrete **data, doelen, acties** en **middelen** binnen een gestelde termijn. Het UFMP heeft **draagvlak** en **slagkracht** omdat alle **stakeholders** betrokken zijn.

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Urban Forest Master Plan

Strijdplan, roadmap, agenda

- **Data**: diepgaande kennis van het bomenbestand. Hoeveel? Waar? Welke soorten? Welke baten? Welke risico's?
- **Doelen**: bijvoorbeeld » percentage groei totale kroonoppervlak, hogere gemiddelde leeftijd
- **Acties**: bijvoorbeeld het stimuleren van behoud private bomen
- **Middelen**: zoals geld, grond en marktmacht
- **Draagvlak**: bijvoorbeeld bij de politiek en het algemene publiek
- **Lange termijn**: minimaal een politieke termijn, liefst veel langer
- **Stakeholders**: iedereen met een belang bij de toekomst, zoals de politiek, het publiek, ambtenaren en lokale organisaties

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Urban Forest Master Plan

Het grote verschil is dat het verschil maakt

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Urban Forest Master Plan



Het proces om tot een UFMP te komen in 4 vragen

- 1 Waar zijn we nu?
- 2 Waar willen we naartoe?
- 3 Hoe komen we daar?
- 4 Hoe weten we dat we zijn aangekomen?

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→ Urban Forest Master Plan



1. Waar zijn we nu?

Wat is er aan huidig beleid?

Uitvoeren van een beleidsanalyse.



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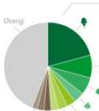
→ Urban Forest Master Plan



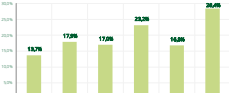
1. Waar zijn we nu?

Een nulmeting van het huidige bomenbestand

Verdeling boomsoorten



Boomsoort	Percentage
Overig	44.5%
Linde	1.0%
Platanus	1.0%
Witbesselaar	1.0%
Witkornoelje	1.0%
Witloosje	1.0%
Witloosje	1.0%
Witloosje	1.0%
Witloosje	1.0%
Witloosje	1.0%
Witloosje	1.0%
Witloosje	1.0%

District	Percentage
Oud-Zuid	16.7%
Oud-West	17.3%
Oud-Noord	17.3%
Oud-Oost	22.5%
Oud-Zuid	16.8%
Oud-West	26.5%

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1. Waar zijn we nu?

Wie hebben een belang? Wat vinden zij belangrijk?
Hoe kun je ze meekrijgen?

Macht
Welke macht heeft een stakeholder (bijvoorbeeld publiek of bepaalde afdelingen) om de organisatie, het programma of de opdracht te beïnvloeden?

Urgentie
In hoeverre is de uitkomst van belang voor de stakeholder, en welke prioriteit is er mee gemoeid?

Legitimiteit
In hoeverre zijn de acties die de stakeholder uitvoert juist of wettelijk op basis van zijn positie binnen de organisatie? (ook wel: formele macht)
Bijvoorbeeld: lokale natuurorganisaties.

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Urban Forest Master Plan

2. Waar willen we naartoe?

Met welke doelen komen we daar?

Voorbeelden van doelen:

1. 30% boomkroonbedekking in 2025
2. Een gelijke verdeling van boomkroonbedekking
3. Reduceren urban heat island effect met ...
4. Vergroten biodiversiteit met ...
5. 3-30-300
6. Etc.



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3. Hoe komen we daar?

Vertaal het naar een werkplan

Key Performance Indicator	Performance Level				Priority
	Low	Medium	Good	Excellent	
T1 - Relative tree canopy cover	Low	Medium	Good	Excellent	High
T2 - Age diversity	Low	Medium	Good	Excellent	High
T3 - Species diversity	Low	Medium	Good	Excellent	High
T4 - Species variability	Low	Medium	Good	Excellent	High
T5 - Publicly owned trees (non-managed 'street trees')	Low	Medium	Good	Excellent	High
T6 - Publicly owned street trees (non-managed 'street trees')	Low	Medium	Good	Excellent	High
T7 - Trees on private property	Low	Medium	Good	Excellent	High
T8 - Other elements of the urban forest (street trees, street lighting, street furniture, etc.)	Low	Medium	Good	Excellent	High
T9 - New Landscaping (including landscaping)	Low	Medium	Good	Excellent	High
T10 - Wider Environmental Considerations (including Climate Change, Air Quality and Noise)	Low	Medium	Good	Excellent	High

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03 Targets, Priorities and Actions

T1 Relative Tree Canopy Cover

Figure 1: Relative Tree Canopy Cover by Ward

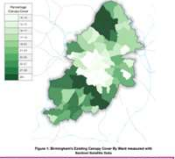


Table 1: Relative Tree Canopy Cover by Ward

Ward	Relative Tree Canopy Cover
Ward 1	Low
Ward 2	Medium
Ward 3	High
Ward 4	Low
Ward 5	Medium
Ward 6	High
Ward 7	Low
Ward 8	Medium
Ward 9	High
Ward 10	Low
Ward 11	Medium
Ward 12	High
Ward 13	Low
Ward 14	Medium
Ward 15	High
Ward 16	Low
Ward 17	Medium
Ward 18	High
Ward 19	Low
Ward 20	Medium
Ward 21	High
Ward 22	Low
Ward 23	Medium
Ward 24	High
Ward 25	Low
Ward 26	Medium
Ward 27	High
Ward 28	Low
Ward 29	Medium
Ward 30	High

Table 2: Relative Tree Canopy Cover by Ward

Ward	Relative Tree Canopy Cover
Ward 31	Low
Ward 32	Medium
Ward 33	High
Ward 34	Low
Ward 35	Medium
Ward 36	High
Ward 37	Low
Ward 38	Medium
Ward 39	High
Ward 40	Low
Ward 41	Medium
Ward 42	High
Ward 43	Low
Ward 44	Medium
Ward 45	High
Ward 46	Low
Ward 47	Medium
Ward 48	High
Ward 49	Low
Ward 50	Medium
Ward 51	High
Ward 52	Low
Ward 53	Medium
Ward 54	High
Ward 55	Low
Ward 56	Medium
Ward 57	High
Ward 58	Low
Ward 59	Medium
Ward 60	High

Table 3: Relative Tree Canopy Cover by Ward

Ward	Relative Tree Canopy Cover
Ward 61	Low
Ward 62	Medium
Ward 63	High
Ward 64	Low
Ward 65	Medium
Ward 66	High
Ward 67	Low
Ward 68	Medium
Ward 69	High
Ward 70	Low
Ward 71	Medium
Ward 72	High
Ward 73	Low
Ward 74	Medium
Ward 75	High
Ward 76	Low
Ward 77	Medium
Ward 78	High
Ward 79	Low
Ward 80	Medium
Ward 81	High
Ward 82	Low
Ward 83	Medium
Ward 84	High
Ward 85	Low
Ward 86	Medium
Ward 87	High
Ward 88	Low
Ward 89	Medium
Ward 90	High

Table 4: Relative Tree Canopy Cover by Ward

Ward	Relative Tree Canopy Cover
Ward 91	Low
Ward 92	Medium
Ward 93	High
Ward 94	Low
Ward 95	Medium
Ward 96	High
Ward 97	Low
Ward 98	Medium
Ward 99	High
Ward 100	Low
Ward 101	Medium
Ward 102	High
Ward 103	Low
Ward 104	Medium
Ward 105	High
Ward 106	Low
Ward 107	Medium
Ward 108	High
Ward 109	Low
Ward 110	Medium
Ward 111	High
Ward 112	Low
Ward 113	Medium
Ward 114	High
Ward 115	Low
Ward 116	Medium
Ward 117	High
Ward 118	Low
Ward 119	Medium
Ward 120	High

Table 5: Relative Tree Canopy Cover by Ward

Ward	Relative Tree Canopy Cover
Ward 121	Low
Ward 122	Medium
Ward 123	High
Ward 124	Low
Ward 125	Medium
Ward 126	High
Ward 127	Low
Ward 128	Medium
Ward 129	High
Ward 130	Low
Ward 131	Medium
Ward 132	High
Ward 133	Low
Ward 134	Medium
Ward 135	High
Ward 136	Low
Ward 137	Medium
Ward 138	High
Ward 139	Low
Ward 140	Medium
Ward 141	High
Ward 142	Low
Ward 143	Medium
Ward 144	High
Ward 145	Low
Ward 146	Medium
Ward 147	High
Ward 148	Low
Ward 149	Medium
Ward 150	High

Table 6: Relative Tree Canopy Cover by Ward

Ward	Relative Tree Canopy Cover
Ward 151	Low
Ward 152	Medium
Ward 153	High
Ward 154	Low
Ward 155	Medium
Ward 156	High
Ward 157	Low
Ward 158	Medium
Ward 159	High
Ward 160	Low
Ward 161	Medium
Ward 162	High
Ward 163	Low
Ward 164	Medium
Ward 165	High
Ward 166	Low
Ward 167	Medium
Ward 168	High
Ward 169	Low
Ward 170	Medium
Ward 171	High
Ward 172	Low
Ward 173	Medium
Ward 174	High
Ward 175	Low
Ward 176	Medium
Ward 177	High
Ward 178	Low
Ward 179	Medium
Ward 180	High

Table 7: Relative Tree Canopy Cover by Ward

Ward	Relative Tree Canopy Cover
Ward 181	Low
Ward 182	Medium
Ward 183	High
Ward 184	Low
Ward 185	Medium
Ward 186	High
Ward 187	Low
Ward 188	Medium
Ward 189	High
Ward 190	Low
Ward 191	Medium
Ward 192	High
Ward 193	Low
Ward 194	Medium
Ward 195	High
Ward 196	Low
Ward 197	Medium
Ward 198	High
Ward 199	Low
Ward 200	Medium
Ward 201	High
Ward 202	Low
Ward 203	Medium
Ward 204	High
Ward 205	Low
Ward 206	Medium
Ward 207	High
Ward 208	Low
Ward 209	Medium
Ward 210	High

Table 8: Relative Tree Canopy Cover by Ward

Ward	Relative Tree Canopy Cover
Ward 211	Low
Ward 212	Medium
Ward 213	High
Ward 214	Low
Ward 215	Medium
Ward 216	High
Ward 217	Low
Ward 218	Medium
Ward 219	High
Ward 220	Low
Ward 221	Medium
Ward 222	High
Ward 223	Low
Ward 224	Medium
Ward 225	High
Ward 226	Low
Ward 227	Medium
Ward 228	High
Ward 229	Low
Ward 230	Medium
Ward 231	High
Ward 232	Low
Ward 233	Medium
Ward 234	High
Ward 235	Low
Ward 236	Medium
Ward 237	High
Ward 238	Low
Ward 239	Medium
Ward 240	High

Table 9: Relative Tree Canopy Cover by Ward

Ward	Relative Tree Canopy Cover
Ward 241	Low
Ward 242	Medium
Ward 243	High
Ward 244	Low
Ward 245	Medium
Ward 246	High
Ward 247	Low
Ward 248	Medium
Ward 249	High
Ward 250	Low
Ward 251	Medium
Ward 252	High
Ward 253	Low
Ward 254	Medium
Ward 255	High
Ward 256	Low
Ward 257	Medium
Ward 258	High
Ward 259	Low
Ward 260	Medium
Ward 261	High
Ward 262	Low
Ward 263	Medium
Ward 264	High
Ward 265	Low
Ward 266	Medium
Ward 267	High
Ward 268	Low
Ward 269	Medium
Ward 270	High

Table 10: Relative Tree Canopy Cover by Ward

Ward	Relative Tree Canopy Cover
Ward 271	Low
Ward 272	Medium
Ward 273	High
Ward 274	Low
Ward 275	Medium
Ward 276	High
Ward 277	Low
Ward 278	Medium
Ward 279	High
Ward 280	Low
Ward 281	Medium
Ward 282	High
Ward 283	Low
Ward 284	Medium
Ward 285	High
Ward 286	Low
Ward 287	Medium
Ward 288	High
Ward 289	Low
Ward 290	Medium
Ward 291	High
Ward 292	Low
Ward 293	Medium
Ward 294	High
Ward 295	Low
Ward 296	Medium
Ward 297	High
Ward 298	Low
Ward 299	Medium
Ward 300	High

Table 11: Relative Tree Canopy Cover by Ward

Ward	Relative Tree Canopy Cover
Ward 301	Low
Ward 302	Medium
Ward 303	High
Ward 304	Low
Ward 305	Medium
Ward 306	High
Ward 307	Low
Ward 308	Medium
Ward 309	High
Ward 310	Low
Ward 311	Medium
Ward 312	High
Ward 313	Low
Ward 314	Medium
Ward 315	High
Ward 316	Low
Ward 317	Medium
Ward 318	High
Ward 319	Low
Ward 320	Medium
Ward 321	High
Ward 322	Low
Ward 323	Medium
Ward 324	High
Ward 325	Low
Ward 326	Medium
Ward 327	High
Ward 328	Low
Ward 329	Medium
Ward 330	High

Table 12: Relative Tree Canopy Cover by Ward

Ward	Relative Tree Canopy Cover
Ward 331	Low
Ward 332	Medium
Ward 333	High
Ward 334	Low
Ward 335	Medium
Ward 336	High
Ward 337	Low
Ward 338	Medium
Ward 339	High
Ward 340	Low
Ward 341	Medium
Ward 342	High
Ward 343	Low
Ward 344	Medium
Ward 345	High
Ward 346	Low
Ward 347	Medium
Ward 348	High
Ward 349	Low
Ward 350	Medium
Ward 351	High
Ward 352	Low
Ward 353	Medium
Ward 354	High
Ward 355	Low
Ward 356	Medium
Ward 357	High
Ward 358	Low
Ward 359	Medium
Ward 360	High

Table 13: Relative Tree Canopy Cover by Ward

Ward	Relative Tree Canopy Cover
Ward 361	Low
Ward 362	Medium
Ward 363	High
Ward 364	Low
Ward 365	Medium
Ward 366	High
Ward 367	Low
Ward 368	Medium
Ward 369	High
Ward 370	Low
Ward 371	Medium
Ward 372	High
Ward 373	Low
Ward 374	Medium
Ward 375	High
Ward 376	Low
Ward 377	Medium
Ward 378	High
Ward 379	Low
Ward 380	Medium
Ward 381	High
Ward 382	Low
Ward 383	Medium
Ward 384	High
Ward 385	Low
Ward 386	Medium
Ward 387	High
Ward 388	Low
Ward 389	Medium
Ward 390	High

Table 14: Relative Tree Canopy Cover by Ward

Ward	Relative Tree Canopy Cover
Ward 391	Low
Ward 392	Medium
Ward 393	High
Ward 394	Low
Ward 395	Medium

Urban Forest Master Plan

PIUS FLORIS
BOOMVERZORGING

Wie doet er mee in Q1 2023?

- Exclusieve cursusdag in het voorjaar



Plusforis.nl Al meer dan 40 jaar boomverzorgend, gespecialiseerd op het gebied van boomverzorging

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BOOMVERZORGING

Hartelijk dank!

De hand-out van deze presentatie kunt u downloaden op www.piusflorisroadshows.com



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