$$
\begin{gathered}
\mathbb{P}_{k}^{2}=\mathbb{P}^{2} \cup \mathbb{P}_{1} \cup \ldots \cup \mathbb{P}_{k} \\
\left(\mathbb{P}_{k}^{2}\right)_{\text {Kahler }}=\mathbb{R}_{>}^{1+k} \ni \overleftarrow{\mathbb{P}^{2}}: \mathbb{P}_{1} \cdots: \overline{\mathbb{P}_{k}}
\end{gathered}
$$

