wherein the first and the second user equipment are configured to aggregate the first and the second frontend communication signals or the first frontend communication signal and the direct communication signal in order to increase an available data rate;

wherein the controller is configured to select first resources, wherein a first portion of the first resources characterizes settings of the first frontend communication signal and of the corresponding first backend communication signal and wherein a second portion of the first resources characterizes settings of the second frontend communication signal and of the corresponding second backend communication signal, for the first user equipment and to select second resources, wherein a first portion of the second resources characterizes settings of the first frontend communication signal and of the corresponding first backend communication signal and wherein a second portion of the second resources characterizes settings of the second frontend communication signal and of the corresponding second backend communication signal, for the second user equipment, taking into account data rate requirements and/or data rate capabilities of the first and/or second user equipment and/or of the first and/or second base station network group and/or to distinguish the first frontend communication signals of the first and the second user equipment and the second frontend communication signals of the first and the second user equipment from each other and/or to reduce transmission losses caused by interferences within the first frontend communication signal and the second frontend communication signal of the first and second user equipment.

2. The controller according to claim 1, wherein the first and the second resources comprise resources out of a group comprising a time-resources, frequency-resources, code-resources and/or space-resources.

3. The controller according to claim 2, wherein the controller is configured to control via a control signal the time-resources of the first and the second user equipment and of the first and the second SUDAC comprising a memory by assigning respective time slots to the first and the second frontend communication signals and/or to the first and the second backend communication signal, in order to perform TDM/TDMA modulation; and/or

wherein the controller is configured to control via the control signal the frequency-resources of the first and the second user equipment and of the first and the second SUDAC comprising a frequency and multiplexing converter by assigning respective

wherein each SUDAC is configured to use ultra-high frequency in order to transmit at least one backend communication signal to the first and/or the second base station network group and to use extremely-high frequency in order to transmit at least one frontend communication signal to the first and/or the second user equipment and to forward a payload signal received via the backend communication signal and to be transmitted via the frontend communication signal while frequency converting the ultra-high frequency to the extremely-high frequency and to forward the payload signal received via the frontend communication signal and to be transmitted via the backend communication signal while frequency converting the extremely-high frequency to the ultra-high frequency,

wherein the first user equipment is configured to communicate via a first frontend communication signal with the first SUDAC and via a second frontend communication signal with a second SUDAC or via a direct communication signal directly with the first base station network group, wherein the first frontend communication signal is converted to a first backend communication signal used for communication with the first base station network group by the first SUDAC and wherein the second frontend communication signal is converted to a second backend communication signal used for communication with the first base station network group by the second SUDAC;

wherein the second user equipment is configured to communicate via a first frontend communication signal with the first SUDAC and via a second frontend communication signal with the second SUDAC or via a direct communication signal directly with the second base station network group, wherein the first frontend communication signal is converted to a first backend communication signal used for communication with the second base station network group by the second SUDAC and wherein the second frontend communication signal is converted to a second backend communication signal used for communication with the second base station network group by the first SUDAC;

wherein the first and the second user equipment are configured to aggregate the first and the second frontend communication signal or the first frontend communication signal and the direct communication signal in order to increase an available data rate;

the method comprising:

selecting first resources, wherein a first portion of the first resources characterizes settings of the first frontend communication signal and of the corresponding first backend communication signal and wherein a second portion of the first resources characterizes settings of the second frontend communication signal and of the corresponding second backend communication signal, for the first user equipment; and

selecting second resources, wherein a first portion of the second resources characterizes settings of the first frontend communication signal and of the corresponding first backend communication signal and wherein a second portion of the second resources characterizes settings of the second frontend communication signal and of the corresponding second backend communication signal, for the second user equipment,

taking into account requirements of the first and/or second user equipment and/or of the first and/or second base station network group and/or to distinguish the first frontend communication signals of the first and the second user equipment and the second frontend communication signals of the first and the second user equipment from each other and/or to reduce transmission losses caused by interferences within the first frontend communication signal and the second frontend communication signal of the first and second user equipment.

20. Computer readable digital storage medium having stored thereon a computer program having a program code for performing, when running on a computer, the method according to claim 19.

21. A controller of a SUDA system, the SUDA system comprising a first base station network group, at least a first SUDAC and at least a first BS-SUDAC as well as a first user equipment,

wherein each SUDAC is configured to use ultra-high frequency in order to transmit at least one backend communication signal to the first base station network group or at least one inter-backend communication signal to the BS-SUDAC and to use extremely-high frequency in order to transmit at least one frontend communication signal to the first user equipment and to forward a payload signal received via the backend communication signal or received via the inter-backend communication signal and to be transmitted via the frontend communication signal while frequency

converting the ultra-high frequency to the extremely-high frequency and to forward the payload signal received via the frontend communication signal and to be transmitted via the backend communication signal or to be transmitted via the inter-backend communication signal while frequency converting the extremely-high frequency to the ultra-high frequency;

wherein each BS-SUDAC is configured to use extremely-high frequency in order to transmit at least one frontend communication signal to the first base station network group and to use ultra-high frequency in order to transmit at least one inter-backend communication signal to the first SUDAC or in order to transmit at least one backend communication signal to the first user equipment and to forward a payload signal received via the frontend communication signal and to be transmitted via the inter-backend communication signal or via the backend communication signal while frequency converting the extremely-high frequency to the ultra-high frequency and to forward the payload signal received via the inter-backend communication signal or received via the backend communication signal and to be transmitted via the frontend communication signal while frequency converting the ultra-high frequency to the extremely-high frequency;

wherein the first user equipment is configured to communicate via a first direct communication signal with the first base station group directly or via a first frontend communication signal with the first SUDAC, wherein the first frontend communication signal is converted to a first backend communication signal used for communication with the first base station network group by the first SUDAC; and/or wherein the first frontend communication signal is converted to a first inter-backend communication signal used for communication with the first base station network group via the BS-SUDAC by the first SUDAC;

wherein the controller is configured to select first resources, wherein a first portion of the first resources characterizes settings of the first frontend communication signal and of the corresponding first backend communication signal or of the inter-backend communication signal, taking into account data rate requirements and/or data rate capabilities of the first and user equipment and/or of the first base station network group, and/or to distinguish the first frontend communication signals of the first user equipment from other signals and/or to reduce transmission losses caused by interferences within the first frontend communication signal of the first user equipment.